

**TM 5-4120-339-24P**

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**TECHNICAL MANUAL**

**ORGANIZATIONAL, DIRECT AND  
GENERAL SUPPORT REPAIR PARTS AND  
SPECIAL TOOLS LIST  
FOR  
AIR CONDITIONER, VERTICAL COMPACT,  
9,000 BTU/HR, 208 VOLTS, 3-PHASE, 50/60 HZ  
(TIERNAY MODEL TM-9KV-208-3-60)**

**NSN 4120-01-091-9672**

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**HEADQUARTERS, DEPARTMENT OF THE ARMY**

**18 DECEMBER 1981**

TECHNICAL

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WASHINGTON, D.C., 18 December 1981

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*Current as of 25 August 1981***REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS**

You can help improve this manual. If you find any mistake or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2 located in the back of this manual direct to: Commander, U. S. Army Troop Support and Aviation Materiel Readiness Command, ATTN: DRSTS-MPSD, 4300 Goodfellow Boulevard, St. Louis, MO 63120. A reply will be furnished directly to you.

**TABLE OF CONTENTS**

	Listing Pages	Illus. Figure
Section I Introduction .....	1	
Section II Repair Parts list .....	7	
Group 01 Panels, Covers and grilles .....	7	1
Data Plates and Covers .....	11	2
Group 02 Fan Motor and Fans .....	13	3
Group 03 Heating System .....	15	4
Group 04 Control Panel Assembly .....	17	5
Wiring Harness .....	19	6
Junction Box, Relays Circuit Breaker and Rectifier ...	21	7
Junction Box, Terminal Boards, Fuse Blocks and Fuses	25	8
Wiring Harness, 13220E6707 .....	29	9
Wiring Harness, 13220E6708 .....	29	10
Electrical Installation .....	31	11
Wiring Harness, 13214E3587 .....	33	12
Wiring Harness, 13218E9902 .....	35	13
Wiring Harness, 13220E6709 .....	37	14
Group 05 Refrigerant Compressor, Coil, and Tubing .....	39	15
Refrigerant Dehydrator and Valves .....	43	16
Group 06 Casing Assembly .....	47	17
Section III Special Tools list (Not applicable)		
Section IV NSN, Part No. Index .....	49	

**1. Scope.**

This manual lists repair parts, special tools, test, measurement, and diagnostic equipment (TMDE), and other support equipment required for operation and performance of organizational, Direct and General Support maintenance of Air Conditioner, Vertical Compact, 9,000 BTU/HR, 208 volts, 3-phase, 5-/60 Hz.

**2. General**

**a. Section II - Repairs Parts List.** A list of repair parts authorized for use in the performance of maintenance. The list also includes parts which must be removed for replacement of the authorized parts. Parts lists are composed of functional groups in ascending numerical sequence, with the parts in each group listed in figure and item number sequence. Bulk materials are listed in NSN sequence, as the last group in Section 11.

**b. Section III - Special Tools List.** Not applicable.

**c. Section IV - National Stock Number and Part Number Index.** A list, in National Item identification number (NIIN) sequence of all National Stock Numbers (NSN) appearing in the listings, followed by a list, in alphanumeric sequence, of all part numbers appearing in the listings. National Stock Number and part numbers are cross-referenced to each illustration figure and item number appearance.

**3. Explanation of Columns.**

The following provides an explanation of columns found in the tabular listings.

**a. Illustration.** This column is divided as follows:

**(1) Figure Number.** Indicates the figure number of the illustration in which the item is shown.

**(2) Item Number.** The number used to identify each item called out in the illustration.

**b. Source, Maintenance and Recoverability Codes (SMR).**

**(1) Source Code.** Source codes are assigned to support items to indicate the manner of acquiring support items for maintenance, repair or overhaul of end items. Source codes are entered in the first and second positions of the Uniform SMR Code format as follows:

Code	Definition
PA	Item procured and stocked for anticipated or known usage.
PB	Item procured and stocked for insurance purpose because essentiality dictates that a minimum quantity be available in the supply systems
PC	Item procured and stocked and which otherwise would be coded PA except that it is deteriorative in nature.
PD	Support item, excluding support equipment, procured for initial issue or outfitting and stocked only for subsequent or additional initial issues or outfittings. Not subject to automatic replenishment.
PE	Support equipment procured and stocked for initial issue or outfitting to specified maintenance repair activities.
PF	Support equipment which will not be stocked but which will be centrally procured on demand.
PG	Item procured and stocked to provide for sustained support for the life of the equipment. It is applied to an item peculiar to the equipment which, because of the probable discontinuance or shutdown of production facilities, would prove uneconomical to reproduce at a later time.
KD	An item of a depot overhaul/repair kit and not purchased separately. Depot kit defined as a kit that provides items required at the time of overhaul or repair.
KF	An item of a maintenance kit and not purchased separately. Maintenance kit defined as a kit that provides an item that can be replaced at organizational or intermediate levels of maintenance.

- KB Item included in both a depot overhaul/repair kit and a maintenance kit.
- MO Item to be manufactured or fabricated at organizational level.
- MF Item to be manufactured or fabricated at the direct support maintenance level.
- MB Item to be manufactured or fabricated at the general support maintenance level.
- MD Item to be manufactured or fabricated at the depot maintenance level.
- AO Item to be assembled at organizational level.
- AF Item to be assembled at direct support maintenance level.
- AH Item to be assembled at general support maintenance level.
- AD Item to be assembled at depot maintenance level.
- XA Item is not procured or stocked because the requirements for the item will result in the replacement of the next higher assembly.
- XB Item is not procured or stocked. If not available through salvage, requisition.
- XD A support item that is not stocked. When required, item will be procured through normal supply channels.

**NOTE**

*Cannibalization or salvage may be used as a source of supply for any items source coded above except those coded XA or XD.*

(2) **Maintenance Code.** Maintenance codes are assigned to indicate the levels of maintenance authorized to use and repair support items. The maintenance codes are entered in the third and fourth positions of the Uniform SMR Code format as follows:

(a) The maintenance code entered in the third position will indicate the lowest maintenance level authorized to remove, replace and use the support item. The maintenance code entered in the third position will indicate one of the following levels of maintenance.

<i>Code</i>	<i>Application/Explanation</i>
C	Crew or operator maintenance performed within organizational maintenance.
O	Support item is removed, replaced, used at the organizational level.
I	Support item is removed, replaced, used by the direct support element of integrated direct support element of integrated direct support maintenance.
F	Support item is removed, replaced, used at the direct support level.
H	Support item is removed, replaced, used at the general support level.
D	Support items that are removed, replaced, used at depot, mobile depot, specialized repair activity only.

**NOTE**

*Codes "I" and "F" will be considered the same by direct support units.*

(b) The maintenance code entered in the fourth position indicates whether the item is to be repaired and identifies the lowest maintenance level with the capability to perform complete repair (i.e., all authorized maintenance functions). This position will contain one of the following maintenance codes.

<i>Code</i>	<i>Application/Explanation</i>
O	The lowest maintenance level capable of complete repair of the support item is the organizational level.
F	The lowest maintenance level capable of complete repair of the support item is the direct support level.

- H The lowest maintenance level capable of complete repair of the support item is the general support level
- D The lowest maintenance level capable of complete repair of the support item is the depot level.
- L Repair restricted to designated specialized repair activity.
- Z Nonreparable. No repair is authorized.
- B No repair is authorized. The item may be reconditioned by adjusting, lubricating, etc., at the user level. No parts or special tools are procured for the maintenance of this item.

**(3) Recoverability Code.** Recoverability codes are assigned to support items to indicate the disposition action on unserviceable items. The recoverability code is entered in the fifth position of the Uniform SMR Code format as follows:

<b>Recoverability Codes</b>	<b>Definition</b>
Z	Nonreparable item. When unserviceable, condemn and dispose at the level indicated in Position 3.
O	Reparable item. When uneconomically repairable, condemn and dispose at organizational level.
F	Reparable item. When uneconomically repairable, condemn and dispose at the direct support level.
H	Reparable item. When uneconomically repairable, condemn and dispose at the general support level.
D	Reparable item. When beyond lower level repair capability, return to depot. Condemnation and disposal not authorized below depot level.

- L Reparable item. Repair, condemnation, and disposal not authorized below depot/specialized repair activity level.
- A Item requires special handling or condemnation procedures because of specific reasons (I E., precious metal content, high dollar value, critical material or hazardous material). Refer to appropriate manuals/directives for specific instructions.

**c. National Stock Number.** Indicates the National Stock Number assigned to the item and will be used for requisitioning purposes.

**d. Part Number.** Indicates the primary number used by the manufacturer which controls the design and characteristics of the item by means of its engineering drawings, specifications standards, and inspection requirements to identify an item or range of items.

#### **Note**

*When a stock number item is requisitioned the repair part received may have a different part number than the part being replaced.*

**e. Federal Supply Code for Manufacturer (FSCM).** The FSCM is a 5-digit numeric code listed in SB 708-42 which is used to identify the manufacturer, distributor, or Government agency etc.

**f. Description.** Indicates the Federal item name and, if required, a minimum description to identify the item. Items that are included in kits with the quantity of each item in the kit or set indicated in the quantity incorporated in unit column. When the part to be used differs between serial numbers of the same model, the effective serial numbers are shown as the last line of the description. In the Special Tools List, the initial basis of issue (BOI) appears as the last line in the entry for each special tool, TMDE, and support equipment. When density of equipments supported exceeds density spread indicated in the basis of issue, the total authorization is increased accordingly.

*g. Unit of Measure (U/M).* Indicates the standard of the basic quantity of the listed items as used in performing the actual maintenance function. This measure is expressed by a two-character alphabetical abbreviation (e.g., ea, in, pr, etc.) When the unit of measure differs from the unit of issue, the lowest unit of issue that will satisfy the required units of measure will be requisitioned.

*h. Quantity Incorporated in Unit.* Indicates the quantity of the item used in the breakout shown on the illustration figure, which is prepared for a functional group, subfunctional group, or an assembly. A "V" appearing in this column in lieu of a quantity indicates that no specific quantity is applicable, (e.g., shims, spacers, etc.).

#### 4. Special Information.

*a.* Repair kits and gasket sets appear as the last entries in the repair parts listing for the figure in which its parts are listed as repair parts or are listed at the end of the repair parts listing for the last figure containing parts of the kit.

*b.* The following publications pertain to the Air Conditioner and its components.

TM 5-4120-339-24 Operator, Organizational,  
Direct and General Support  
Maintenance Manual.

#### 5. How to Locate Repair Parts.

*a. When National Stock Number or Part Number is Unknown:*

(1) *First.* Using the table of contents, determine the functional group within which the repair part belongs. This is necessary since illustrations are prepared for functional groups, and listings are divided into the same groups.

(2) *Second.* Find the illustration covering the functional group to which the repair part belongs.

(3) *Third.* Identify the repair part on the illustration and note the illustration figure and item number of the repair part.

(4) *Fourth.* Using the Repair Parts Listing, find the figure and item number noted on the illustration.

*b. When the National Stock Number or Part Number is Known.*

(1) *First.* Using the Index of National Stock Numbers and Part Numbers, find the pertinent National stock number or part number. This index is in ascending NSN sequence followed by a list of part numbers in ascending alphanumeric sequence, cross-referenced to the illustration figure number and item number.

(2) *Second.* After finding the figure and item number, locate the figure and item number in the repair parts list.

#### 6. Abbreviations:

Abbreviations	Explanation
<i>deg.</i>	<i>degree(s)</i>
<i>ea.</i>	<i>each</i>
<i>ft.</i>	<i>feet (foot)</i>
<i>grp.</i>	<i>group</i>
<i>id.</i>	<i>inside diameter</i>
<i>in.</i>	<i>inch(es)</i>
<i>lg..</i>	<i>long (length)</i>
<i>mtg.</i>	<i>mounting(s)</i>
<i>No.</i>	<i>Number(s)</i>
<i>od.</i>	<i>outside diameter</i>
<i>u/w</i>	<i>used with</i>



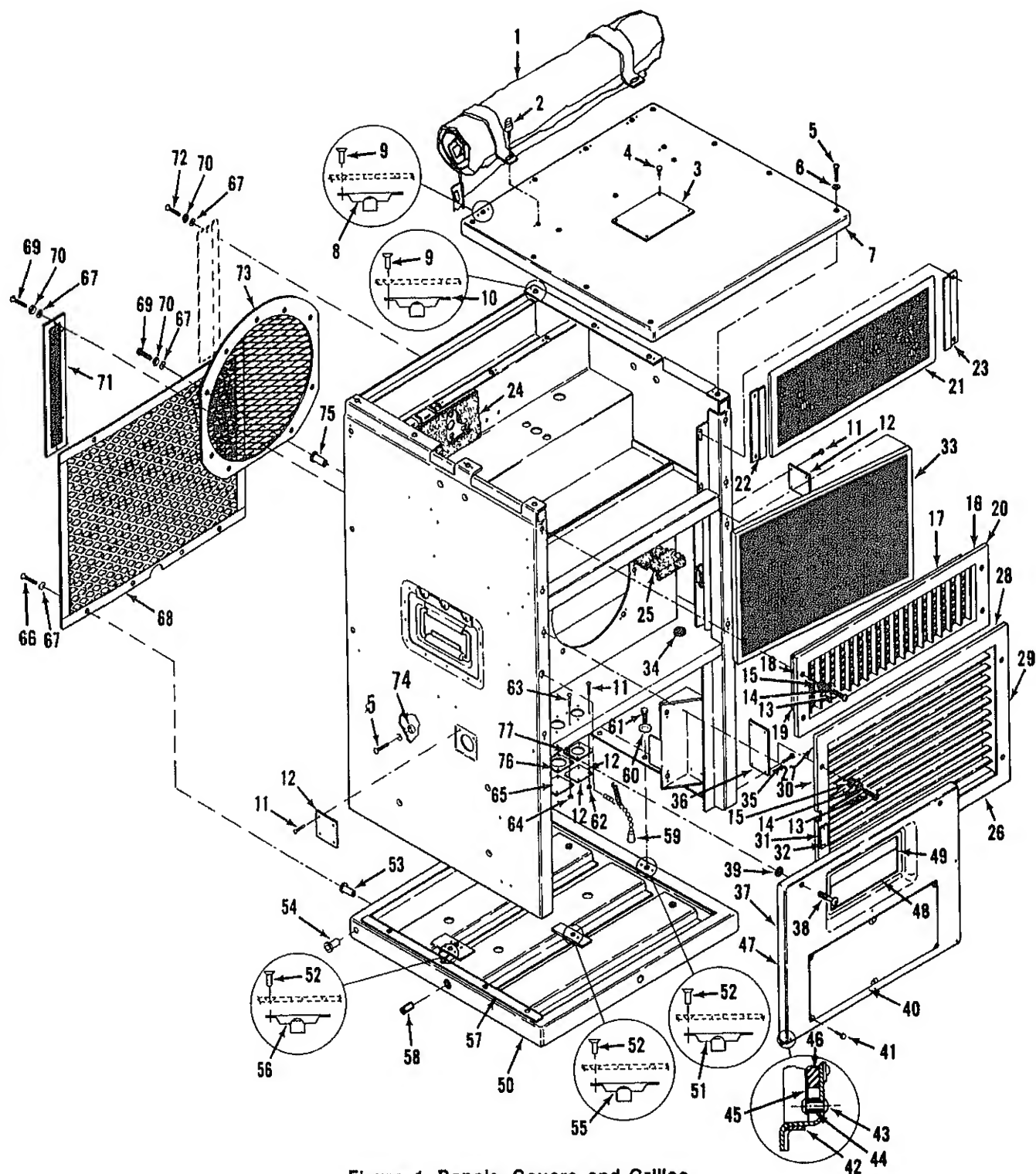


Figure 1. Panels, Covers and Grilles

TM5-4120-339-24P/1



## SECTION 11

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U M	QTY INC IN UNIT
GROUP 01 PANELS, COVERS AND GRILLES								
1	1	XBJZZ		97403	13214E3703	COVER, AIR CONDITIONER.....	EA	1
1	2	PAJZZ	9325-01-033-0846	97403	13214E3647-3	FASTENER, TURNBUT.....	EA	2
1	3	XBJZZ		96906	MS63045	PLATE IDENTIFICATION.....	EA	1
1	4	PAJZZ	5320-00-932-1972	97403	13214E3789-2	RIVET, BLIND.....	EA	4
1	5	PAJZZ	5305-00-984-6194	96906	MS35206-246	SCREW, MACHINE.....	EA	16
1	6	PAJZZ	5330-01-082-3474	97403	13220E5281	SEAL, SPECIAL.....	EA	12
1	7	XBJ00		97403	13214E3384	PANEL, TOP.....	EA	1
1	8	PAJZZ	5310-00-623-5991	80205	NAS1031A08	.NUT SELF-LOCKING.....	EA	4
1	9	PAJZZ	5320-00-117-6938	96906	MS20426AD3-4	.RIVET SOLID.....	EA	12
1	10	PAJZZ	5310-00-680-4985	80205	NAS1031A06	.NUT SELF LOCKING.....	EA	2
1	11	PAJZZ	5305-00-889-2999	96906	MS35206-217	SCREW, MACHINE.....	EA	12
1	12	XBJZZ		97403	13214E3471-1	COVER, ALTERNATE POWER CONNECTION.....	EA	3
1	13	PAJZZ	5305-00-984-6195	96906	MS35206-247	SCREW, MACHINE.....	EA	8
1	14	PAJZZ	5310-00-045-3299	96906	MS39338-42	WASHER, LOCK.....	EA	8
1	15	PAJZZ	5310-00-821-2366	97403	13214E3449	WASHER, FLAT.....	EA	8
1	16	XBJZZ		97403	13214E3712	GRILLE, METAL.....	EA	1
1	17	MOJ00		81346	ASTM-D-1056 SBE-42-CF2 .25 STK	.SEALING STRIP MFG FROM ASTM-D-1056, 1/4 IN. X 1/2 IN. X 15 LG.	SH	V
1	18	MOJ00		81346	ASTM-D-1056 SBE-42-CF2 .125 STK	.SEALING STRIP MFG FROM ASTM-D-1056, 1/8 IN. X 3/4 IN. X 1.19 IN. LG.	SH	V
1	19	MOJ00		81346	ASTM-D-1056 SBE-42-CF2 .125 STK	.SEALING STRIP MFG FROM ASTM-D-1056, 1/8 IN. X 3/4 IN. X 4.00 IN. LG.	SH	V
1	20	MOJ00		81346	ASTM-D-1056 SBE-42-CF2 .125 STK	.SEALING STRIP MFG FROM ASTM-D-1056, 1/8 IN. X 3/4 IN. X 7.38 IN. LG.	SH	V
1	21	XBJZZ		97403	13220E5413-2	ELIMINATOR, MIST.....	EA	1
1	22	XBJZZ		97403	13220E5601	BRACKET, LEFT SIDE.....	EA	1
1	23	XBJZZ		97403	13220E5600	BRACKET, RIGHT SIDE.....	EA	1
1	24	MOJ00		81349	MIL-I-14511 .500	INSULATION MFG FROM .50 IN. THK.....	SH	V
1	25	MOJ00		81349	MIL-I-14511 .250	INSULATION MFR FROM .250 IN. THICK.....	SH	V
1	26	XBJZZ		97403	13214E3713	GRILLE, AIR RETURN.....	EA	1
1	27	MOJ00		81346	ASTM-D-1056 SBE-42-CF2 1/8 STK	.SEALING STRIP MFR FROM ASTM-D-1056, 1/8 IN. X 3/4 IN. X 1.19 IN. LG.	SH	V
1	28	MOJ00		81346	ASTM-D-1056 SBE-42-CF2 .25 STK	.SEALING STRIP MFR FROM ASTM-D-1056, 1/4 IN. X 1/2 IN. X 15.00 IN. LG.	SH	V
1	29	MOJ00		81346	ASTM-D-1056 SBE-42-CF2 .125 STK	.SEALING STRIP MFR FROM ASTM-D-1056, 1/8 IN. X 3/4 IN. X 10.62 IN. LG.	SH	V
1	30	MOJ00		81346	ASTM-D-1056 SBE-42-CF2 .125 STK	.SEALING STRIP MFR FROM ASTM-D-1056, 1/8 IN. X 3/4 IN. X 7.25 IN. LG.	SH	V
1	31	PAJZZ	9905-01-053-5362	97403	13217E2344	.PLATE, INSTRUCTION.....	EA	1
1	32	PAJZZ	5320-00-005-6279	96906	MS20470AD4-4-3	.RIVET, SOLID.....	EA	2
1	33	PAJZZ	4130-00-901-0323	97403	13214E3699-1	FILTER ELEMENT, AIR.....	EA	1
1	34	PAJZZ	5325-00-254-4718	97403	13211E8222	GROMMET, NONMETALLIC.....	EA	1
1	35	PAJZZ	5305-00-889-2999	96906	MS35206-217	SCREW, MACHINE.....	EA	12

## SECTION 11

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SHR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
1	36	XBJZZ		97403	13218E7076	COVER.....	EA	1
1	37	XBJZZ		97403	13220E6720-4	PANEL, LOWER.....	EA	1
1	38	PAJZZ	5305-00-283-4649	94222	12-11-713-11	.SCREW, PANEL.....	EA	2
1	39	PAJZZ	5310-00-880-9344	97403	13211E8337	.WASHER, LOCK.....	EA	2
1	40	XBJZZ		97403	13218E7079	.PLATE, INFORMATION.....	EA	1
1	41	PAJZZ	5320-00-932-1972	97403	13214E3789-2	.RIVET, BLIND.....	EA	6
1	42	MOJDD		81346	ASTM-D-1056 SBE-42-CF2 .06 STK	.GASKET MFR FROM 1/16 IN. STOCK.....	SH	V
1	43	PAJZZ	5320-00-874-4471	07707	AD45H	.RIVET, BLIND.....	EA	6
1	44	XBJZZ		97403	13220E6720/9	.TUBING.....	EA	6
1	45	XBJZZ		97403	13220E6726	.PLATE, INFORMATION.....	EA	1
1	46	MOJDD		81349	MIL-I-14511 .250	.INSULATION MFR FROM .25 IN. THK.....	EA	V
1	47	MOJDD		81349	MIL-I-14511 .500	.INSULATION MFR FROM .50 IN. THK.....	EA	V
1	48	MOJDD		81346	ASTM-D-1056 SBE-42-CF2 .125 STK	.GASKET MFR FROM 1/8 IN. STOCK.....	SH	V
1	49	MOJDD		81346	ASTM-D-1056 SBE-42-CF2 .125 STK	.GASKET MFR FROM 1/8 IN. STOCK.....	SH	V
1	50	XBJZZ		97403	13214E3386	PANEL, BOTTOM.....	EA	1
1	51	PAFZZ	5310-00-777-5793	96906	MS21059L4	.NUT SELF-LOCKING.....	EA	8
1	52	PAFZZ	5320-00-117-6538	96906	MS20426A03-4	.RIVET SOLID.....	EA	16
1	53	PAFZZ	5310-00-852-1115	80205	NAS1329S3K880	.NUT BLIND RIVET.....	EA	4
1	54	PAFZZ	5310-00-143-6203	80205	NAS1329S08KB75	.NUT BLIND RIVET.....	EA	2
1	55	PAFZZ	5310-00-623-9989	80205	NAS1031A3	.NUT SELF-LOCKING.....	EA	1
1	56	PAFZZ	5310-00-623-5991	80205	NAS1031A08	.NUT SELF-LOCKING.....	EA	2
1	57	HFFFF		81346	ASTM-D-1056 SBE-42-CF2 .06 STK	.SEALING STRIP MFR FROM ASTM-D-1056, 1/16 IN. X 7/8 IN. X 16-3/4 IN. LG.....	SH	V
1	58	PAJZZ	4730-00-007-9399	97403	13211E8178	.PLUG, PIPE.....	EA	4
1	59	PAJZZ	4130-00-922-2439	97403	13211E8305	PENDANT WITH SLEEVE.....	EA	1
1	60	PAJZZ	5310-00-809-4058	96906	MS27183-10	WASHER, FLAT.....	EA	8
1	61	PAJZZ	5305-00-068-0505	96906	MS90726-5	SCREW, CAP, HEXAGON.....	EA	8
1	62	PAJZZ	5310-00-088-0551	96906	MS21044N04	NUT.....	EA	4
1	63	PAJZZ	5305-00-984-4992	96906	MS35206-232	SCREW, MACHINE.....	EA	4
1	64	PAJZZ	5310-00-081-8087	96906	MS21044-N06	NUT SELF-LOCKING.....	EA	4
1	65	XBJZZ		97403	13214E3471-2	COVER.....	EA	1
1	66	PAJZZ	5305-00-993-1848	96906	MS35207-265	SCREW, MACHINE.....	EA	6
1	67	PAJZZ	5310-00-821-2366	97403	13214E3469	WASHER, FLAT.....	EA	25
1	68	XBJZZ		97403	13214E3533	GUARD, CONDENSER COIL.....	EA	1
1	69	PAJZZ	5305-00-984-6195	96906	MS35206-247	SCREW, MACHINE.....	EA	13
1	70	PAJZZ	5310-00-045-3299	97403	MS35338-42	WASHER LOCK.....	EA	10
1	71	XBJZZ		97403	13214E3616	SCREEN, FRESH AIR.....	EA	1
1	72	PAJZZ	5305-00-984-6197	96906	MS35206-249	SCREW, MACHINE.....	EA	5
1	73	XBJZZ		97403	13214E3612	GUARD, FAN.....	EA	1

## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION  USABLE ON CODE	(7) U M	(8) QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO							
1	74	PAJZZ	5310-00-811-3494	96906	MS21044H08	NUT SELF LOCK.....	EA	4
1	75	PAJZZ	5310-01-036-4687	96906	MS27130-S15K	NUT, PLAIN, BLIND RIVET.....	EA	8
1	76	PAJZZ	5330-00-267-0697	96906	MS51007-11	GASKET, RUBBER.....	EA	1
1	77	PAJZZ	5330-00-836-4355	96906	MS51007-7	GASKET, RUBBER.....	EA	1

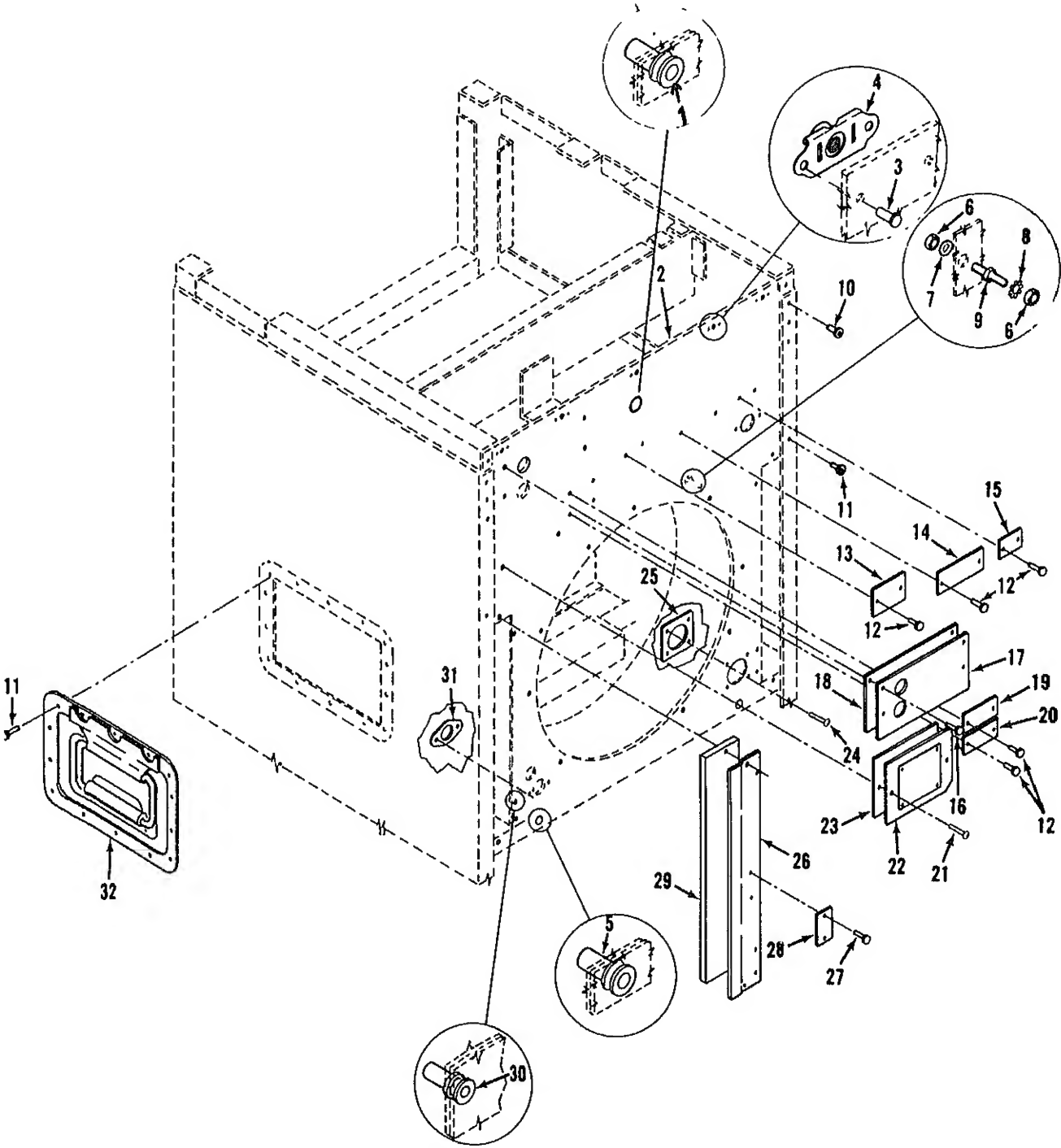


Figure 2. Data Plates and Covers

## SECTION 11

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
2	1	PAJZZ	5310-01-045-6613	96906	MS27130-S50K	NUT, PLAIN, BLIND RIVET . . . . .	EA	1
2	2	XBFFF		97403	13214E3666	PANEL, BACK . . . . .	EA	1
2	3	PAFZZ	5320-00-117-6938	96906	MS20426AD3-4	.RIVET, SOLID . . . . .	EA	14
2	4	PAFZZ	5310-00-623-5991	80205	NAS1031A08	.NUT, SELF-LOCKING . . . . .	EA	7
2	5	PAFZZ	5310-01-055-8419	96906	MS27130-S25K	.NUT, BLIND RIVET . . . . .	EA	2
2	6	PAOZZ	5310-00-877-5797	96906	MS21044N3	NUT, SELF LOCKING . . . . .	EA	2
2	7	PAOZZ	5310-00-809-8546	96906	MS27183-8	WASHER, FLAT . . . . .	EA	1
2	8	PAJZZ	5310-00-080-9786	96906	MS45904-60	WASHER, LOCK . . . . .	EA	1
2	9	PAJZZ		97403	13222E6259-2	TERMINAL STUD . . . . .	EA	1
2	10	PAFZZ	5320-00-874-4471	07707	AD45HM	RIVET, BLIND . . . . .	EA	6
2	11	PAFZZ	5320-00-882-8388	07707	AD43H	RIVET, BLIND . . . . .	EA	32
2	12	PAOZZ	5320-00-932-1972	97403	13214E3789-2	RIVET, BLIND . . . . .	EA	16
2	13	XBDZZ		97403	13218E7078	PLATE, INFORMATION . . . . .	EA	1
2	14	XBDZZ		97403	13220E6723	PLATE, INFORMATION . . . . .	EA	1
2	15	XBDZZ	9905-00-165-7474	97403	13211E8215	PLATE, INSTRUCTION . . . . .	EA	1
2	16	PAFZZ	5305-00-984-4992	96906	MS35206-232	SCREW, MACHINE . . . . .	EA	4
2	17	XBDZZ		97403	13216E9520-1	PLATE, INSTRUCTION . . . . .	EA	1
2	18	PAOZZ		97403	13216E9519-1	GASKET . . . . .	EA	1
2	19	XBDZZ		97403	13218E7075	PLATE, INFORMATION . . . . .	EA	1
2	20	XBDZZ		97403	13218E7074	PLATE, INFORMATION . . . . .	EA	1
2	21	PAFZZ	5305-00-889-2999	96906	MS35206-217	SCREW, MACHINE . . . . .	EA	2
2	22	XBDZO		97403	13218E7489	COVER, ACCESS . . . . .	EA	1
2	23	MOJOO		81346	ASTM-D-1056 SBE-42-CF2 .125 STK	.GASKET, MFR FROM ASTM-D-1056, 1/8 IN. THK STK . . . . .	SH	V
2	24	PAOZZ	5305-00-140-8001	96906	MS51861-12	SCREW, TAPPING . . . . .	EA	4
2	25	PAJZZ	5330-00-836-4355	96906	MS51007-7	GASKET RUBBER . . . . .	EA	1
2	26	XBDZZ		97403	13214E3615	COVER . . . . .	EA	1
2	27	PAJZZ	5320-00-932-1972	97403	13214E3789-2	.RIVET, BLIND . . . . .	EA	2
2	28	XBDZZ	9905-01-055-0219	97403	13217E6814	.PLATE, INSTRUCTION . . . . .	EA	1
2	29	MOJOO		81346	ASTM-D-1056 SBE-42-CF2 .25 STK	.GASKET MFR FROM 1/4 STK . . . . .	SH	V
2	30	PAFZZ	5310-01-036-0908	96906	MS27130-S14K	NUT, PLAIN, BLIND RIVET . . . . .	EA	10
2	31	PAJZZ		97403	13211E8273	GASKET, THERMAL . . . . .	EA	1
2	32	PAFZZ	5340-00-934-0532	98003	MS61LS2RG	HANDLE . . . . .	EA	2

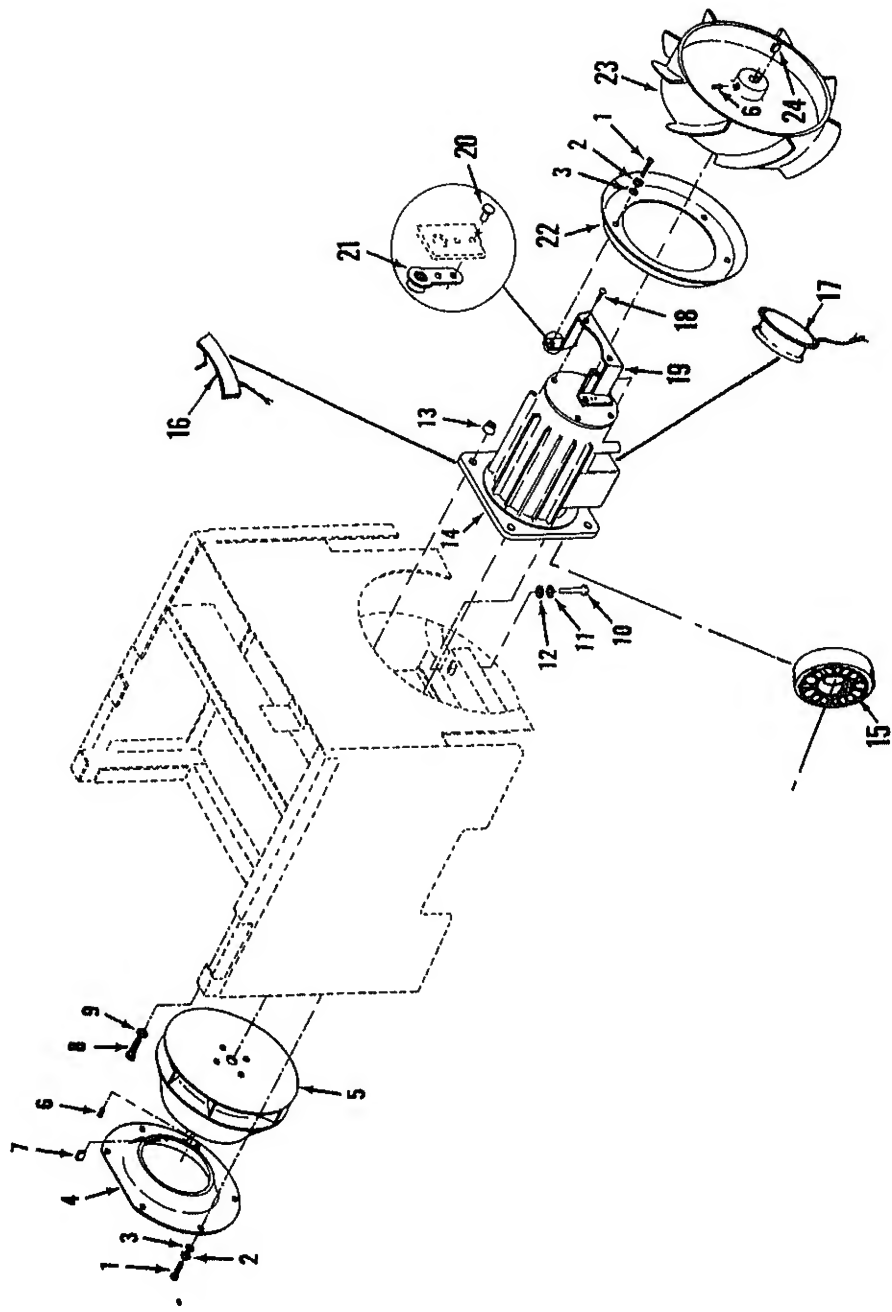


Figure 3. Fan Motor and Fans

## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U M	QTY INC IN UNIT
GROUP 02 FAN MOTOR AND FANS								
3	1	PAQZZ	5305-00-984-6194	96906	MS35206-246	SCREW, MACHINE.....	EA	10
3	2	PAQZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	10
3	3	PAQZZ	5310-00-809-8544	96906	MS27183-7	WASHER, FLAT.....	EA	10
3	4	XBJZZ		97403	13214E3792	RING, INLET FAN.....	EA	1
3	5	XBJZZ	4140-00-922-2191	97403	13214E3693	IMPELLER, FAN.....	EA	1
3	6	PAQZZ	5305-00-023-2576	96906	MS51021-62	SETS CREW HEX SOCKET CUP POINT 1/4-20 UNC-3A X 3/4 LONG (IMPORTANT FOR BALANCE).....	EA	2
3	7	PAQZZ	5315-00-730-4564	96906	MS20066-143	KEY, MACHINE.....	EA	1
3	8	PAQZZ	5305-00-543-2419	96906	MS90725-61	SCREW, CAP.....	EA	4
3	9	PAQZZ	5310-00-080-6004	96906	MS27183-14	WASHER, FLAT.....	EA	4
3	10	PAQZZ	5306-00-225-8503	96906	MS90725-39	BOLT, MACHINE.....	EA	2
3	11	PAQZZ	5310-00-407-9566	96906	MS35338-45	WASHER, LOCK.....	EA	7
3	12	PAQZZ	5310-00-081-4219	96906	MS27183-12	WASHER, FLAT.....	EA	2
3	13	PAQZZ	5310-00-087-4652	96906	MS51922-17	NUT, SELF-LOCKING.....	EA	4
3	14	PAQZZ		64731	5530-15	MOTOR, AC.....	FA	1
3	15	PAQZZ		64731	01-010999-204	BEARING.....	EA	2
3	16	PAQZZ		64731	MYH71W0	MOTOR PROTECTOR.....	EA	1
3	17	PAQZZ		96906	MS3102R-145-6P	CONNECTOR, ELECTRICAL.....	EA	1
3	18	PAQZZ	5305-01-028-6271	96906	MS35191-266	SCREW, MACHINE.....	EA	4
3	19	XBJZZ		97403	13214E3627	BRACKET.....	EA	2
3	20	PAQZZ	5320-00-117-6939	96906	MS20426A03-5	RIVET SOLID.....	EA	8
3	21	PAQZZ	5310-00-726-9048	96906	MS21082-08	NUT, SELF-LOCKING.....	EA	4
3	22	XBJZZ		97403	13214E3623	BAFFLE.....	EA	1
3	23	XBJZZ		97403	13214E3694	IMPELLER, FAN AXIAL.....	EA	1
3	24	PAQZZ	5315-00-730-4570	96906	MS20066-145	KEY, MACHINE, SQUARE.....	EA	1

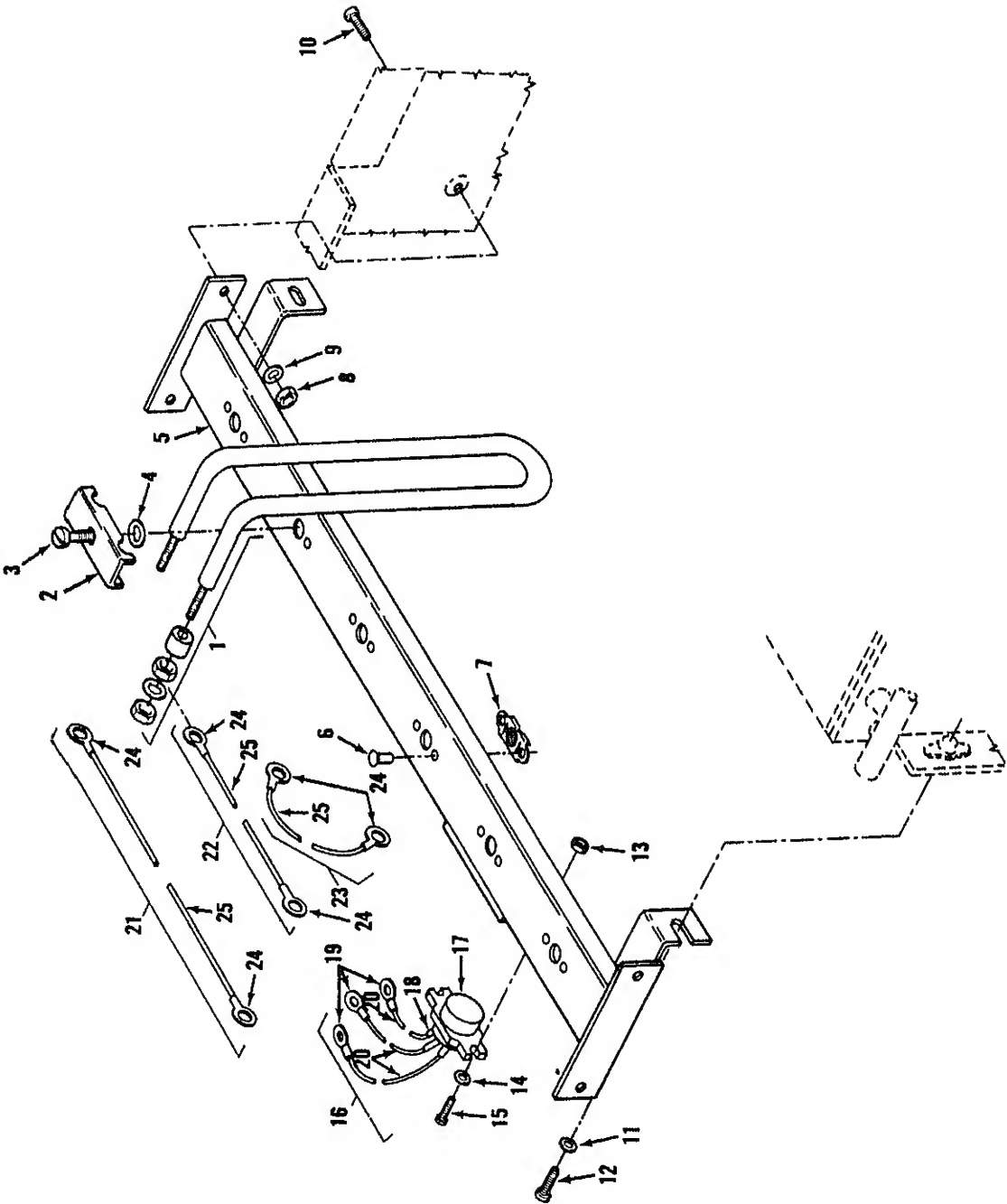


Figure 4. Heating System



## SECTION II

TH 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	Q.M	QTY INC IN UNIT
						GROUP 03 HEATING SYSTEM		
4	1	PA0ZZ	4540-00-110-9660	97403	13214E3698-1	HEATING ELEMENT.....	EA	6
4	2	PA0ZZ	5340-01-039-0103	97403	13214E3416	CLAMP ASSEMBLY.....	EA	6
4	3	PA0ZZ	5305-00-163-8349	97403	13214E3744V34	.SCREW,PANEL.....	EA	1
4	4	PA0ZZ	5310-00-880-9344	97403	13211E8337	.WASHER,LOCK.....	EA	1
4	5	X80ZZ		97403	13214E3629-1	SUPPORT,HEATER.....	EA	1
4	6	PA0ZZ	5320-00-932-1972	97403	13214E3789-2	.RIVET,BLIND.....	EA	12
4	7	PA0ZZ	5310-00-089-6304	97403	13211E8382	.NUT,SHEET SPRING.....	EA	6
4	8	PA0ZZ	5310-00-877-5797	96906	MS21044N3	NUT SELF-LOCKING.....	EA	4
4	9	PA0ZZ	5330-00-119-7503	80205	NAS1523C3F	PACKING WITH RETAINER.....	EA	4
4	10	PA0ZZ	5305-00-989-7435	96906	MS35207-264	SCREW,MACHINE.....	EA	4
4	11	PA0ZZ	5310-00-809-8546	96906	MS27183-8	WASHER,FLAT.....	EA	2
4	12	PA0ZZ	5305-00-857-5867	96906	MS9122-03	SCREW,MACHINE.....	EA	2
4	13	PA0ZZ	5310-00-060-2039	96906	MS21044D08	NUT.....	EA	2
4	14	PA0ZZ	5310-00-809-8544	96906	MS27183-7	WASHER,FLAT.....	EA	2
4	15	PA0ZZ	5305-00-984-6194	96906	MS35206-246	SCREW,MACHINE.....	EA	2
4	16	X80ZZ		97403	13214E3506	WIRING ASSY, THERMOSTAT.....	EA	1
4	17	PA0ZZ	4130-00-106-1972	82647	MWAL255	.THERMOSTAT,HEATER.....	EA	1
4	18	MO000		81349	MIL-1-23053/5 CL ASS 1	.INSULATION SLEEVING.....	FT	V
4	19	X80ZZ				.TERMINAL.....	EA	3
4	20	MO00Z		81349	MS086/1-16-9	.WIRE,ELECTRICAL.....	FT	V
4	21	MO000		97403	13220E6712-11	LEAD ELECTRICAL HR 1-B TO HR 6-B.....	EA	1
4	22	MO000		97403	13220E6712-12	LEAD ELECTRICAL HR 2-B TO HR 5-B.....	EA	1
4	23	MO000		97403	13220E6712-13	LEAD ELECTRICAL HR 3-B TO HR 4-B.....	EA	1
4	24	PA0ZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL,LUG.....	EA	6
4	25	MO00Z		81349	MS086/1-16-9	.WIRE,ELECTRICAL.....	FT	V

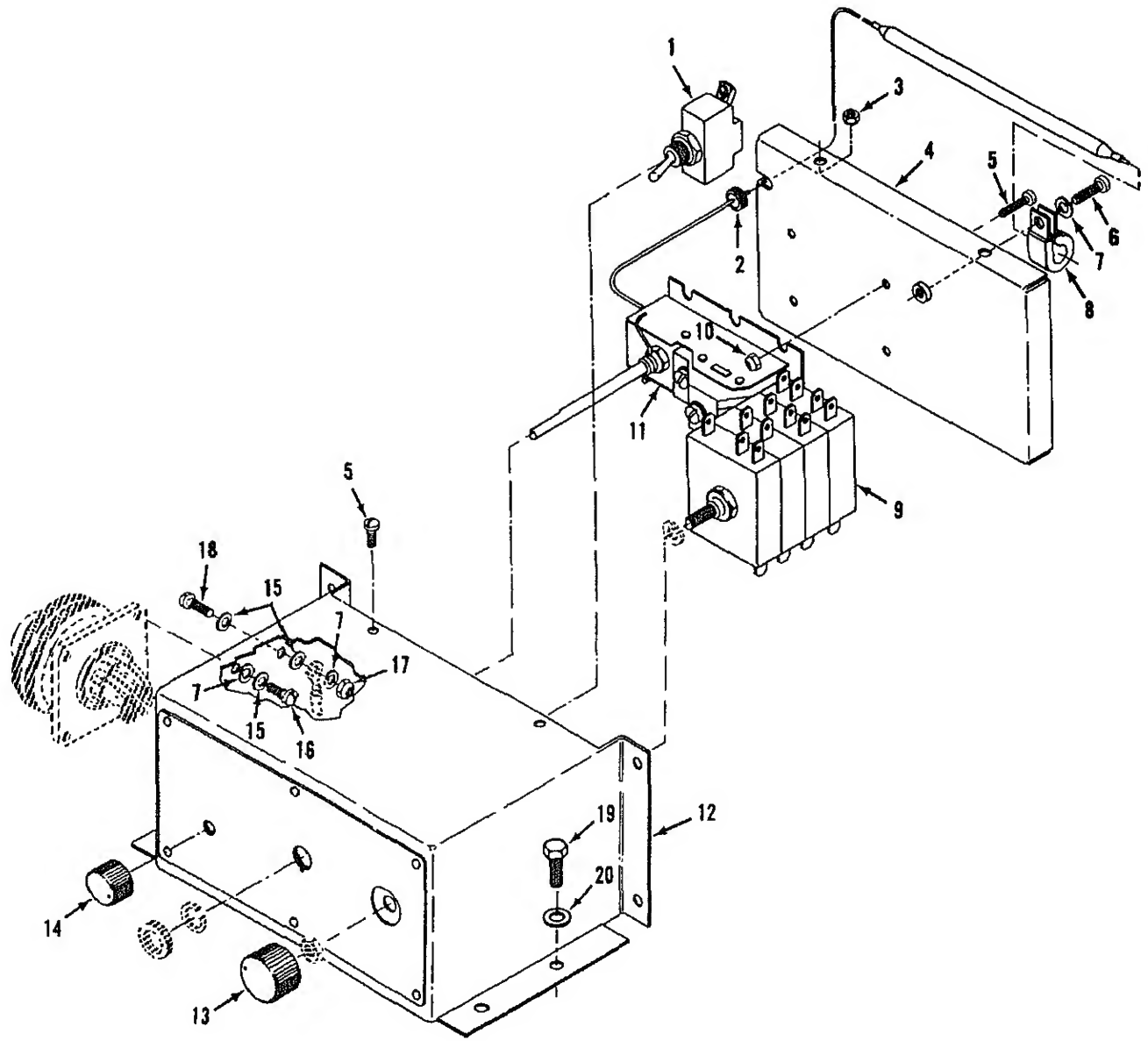


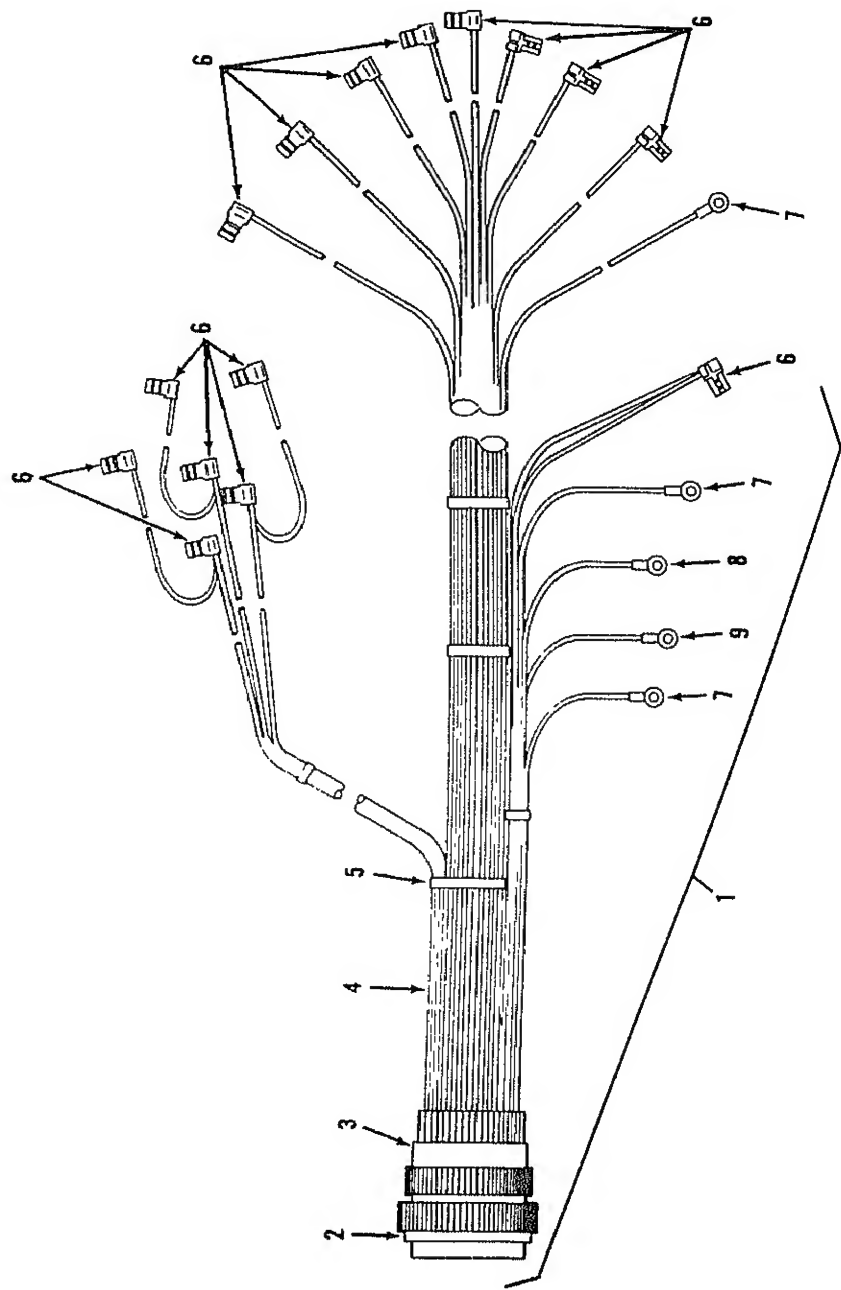
Figure 5. Control Panel Assembly

TM5-4120-339-24P/5

## SECTION II

TN 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U M	QTY (INC IN UNIT
						GROUP 04 ELECTRICAL SYSTEM		
5		P80ZZ		97403	13219E2933	CONTROL PANEL ASSY.....	EA	1
5	1	PA0ZZ	5930-00-683-1628	96906	MS24523-22	.SWITCH, TOGGLE.....	EA	1
5	2	PA3ZZ	5325-00-286-6047	96906	MS35489-1	.GROMMET, NONMETALLIC.....	EA	1
5	3	PA0ZZ	5310-00-889-2549	96906	MS21045-08	.NUT, SELF-LOCKING.....	EA	5
5	4	X80ZZ		97403	13218E9911	.PANEL.....	EA	1
5	5	PA0ZZ	5305-00-984-6193	96906	MS35206-265	.SCREW, MACHINE.....	EA	8
5	6	PA3ZZ	5305-00-989-7434	96906	MS35207-263	.SCREW, MACHINE.....	EA	1
5	7	PA0ZZ	5310-00-045-3296	96906	MS35338-43	.WASHER, LOCK.....	EA	5
5	8	PA0ZZ	5340-00-103-2976	96906	MS21105-6	.CLAMP, LOOP.....	EA	1
5	9	PA3ZZ	5930-00-236-2351	70611	2267A1	.SWITCH, ROTARY.....	EA	1
5	10	PA0ZZ	5310-00-889-2549	96906	MS21045-08	.NUT, SELF-LOCKING.....	EA	3
5	11	PA3ZZ	5930-00-923-4176	92578	A19AEF-10	.SWITCH, THERMOSTATIC.....	EA	1
5	12	X80ZZ		97403	13218E9909	.CONTROL PANEL.....	EA	1
5	13	PA0ZZ	5355-00-579-2896	96906	MS25165-1	.KNOB.....	EA	1
5	14	PA3ZZ	5355-00-472-9354	96906	MS91528-1C48	.KNOB.....	EA	1
5	15	PA0ZZ	5310-00-014-5850	96906	MS27183-42	.WASHER, FLAT.....	EA	7
5	16	PA3ZZ	5305-00-088-9044	96906	MS35207-260	.SCREW, MACHINE.....	EA	4
5	17	PA0ZZ	5310-00-061-7326	96906	MS21045-3	.NUT, SELF-LOCKING.....	EA	1
5	18	PA0ZZ	5305-00-989-7435	96906	MS35207-264	.SCREW, MACHINE.....	EA	1
5	19	PA0ZZ	5305-00-850-2548	96906	MS9122-11	.SCREW, MACHINE.....	EA	4
5	20	PA0ZZ	5310-00-809-8546	96906	MS27183-8	.WASHER, FLAT.....	EA	4



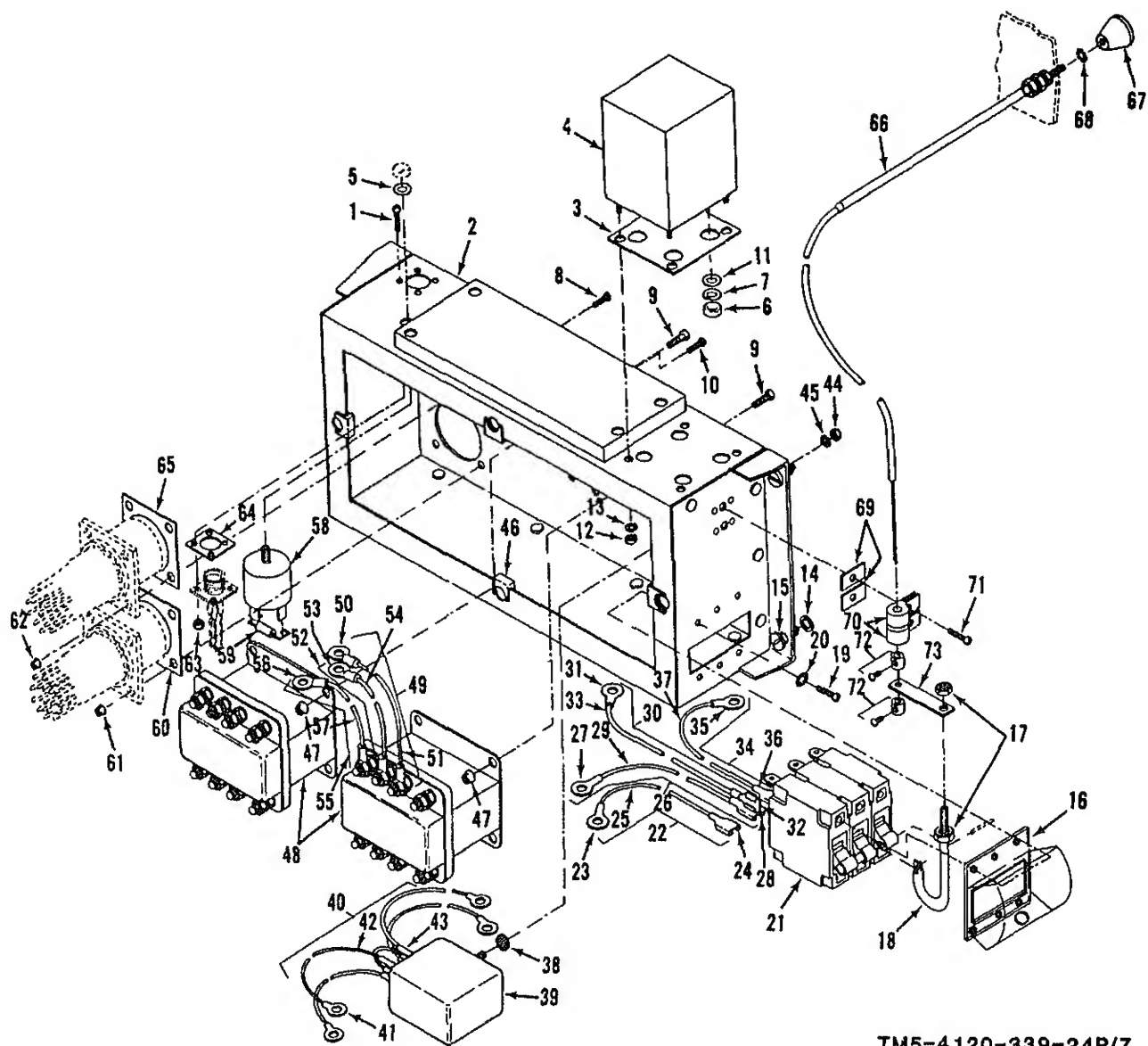
TM5-4120-339-24P/6

Figure 6. Wiring Harness 13214E3511

## SECTION II

TN 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
6	1	M030Z		97403	13214E3511	..WIRING HARNESS .....	EA	1
6	2	PA3ZZ		77820	FP3106C28-11P	..CONNECTOR RECEPTAC.....	EA	1
6	3	X83ZZ		96906	MS35351-12	..PLUG END SEAL.....	EA	1
6	4	M030Z		81349	MS086/1-16-9	..WIRE, ELECTRICAL.....	FT	V
6	5	M0000		81349	MIL-T-43435 TYPE 1 FINISH B SIZE3	..TAPE LACING.....	FT	V
6	6	PA3ZZ	5940-00-859-4475	97403	13211E8288	..TERMINAL, QUICK DISCONNECT.....	EA	15
6	7	PA3ZZ	5940-00-283-5280	96906	MS25036-106	..TERMINAL, LUG.....	EA	3
6	8	PA3ZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG.....	EA	1
6	9	PA3ZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL, LUG.....	EA	1



TM5-4120-339-24P/7

Figure 7. Junction Box, Relays, Circuit Breaker and Rectifier

## SECTION 11

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U M	QTY INC IN LIMIT
7		X80ZZ		97403	13219E2931	JUNCTION BOX ASSY.....	EA	1
7	1	PA0ZZ	5305-00-889-2998	96906	MS35206-216	.SCREW, MACHINE.....	EA	4
7	2	X80ZZ		97403	13218E9895-2	.JUNCTION BOX.....	EA	1
7	3	X80ZZ		97403	13218E9960	.GASKET, TRANSFORMER.....	EA	1
7	4	PA3ZZ	5950-00-118-1018	97403	13214E3818-3	.TRANSFORMER, POWER.....	EA	1
7	5	PA3ZZ	5310-00-809-3078	96906	MS27183-11	.WASHER, FLAT.....	EA	4
7	6	PA0ZZ	5310-00-934-9747	96906	MS35649-262	.NUT, PLAIN, HEXAGON.....	EA	4
7	7	PA0ZZ	5310-00-045-4007	96906	MS35338-41	.WASHER, LOCK.....	EA	4
7	8	PA0ZZ	5305-00-984-6195	96906	MS35206-247	.SCREW, MACHINE.....	EA	1
7	9	PA0ZZ	5305-00-989-7434	96906	MS35207-263	.SCREW, MACHINE.....	EA	8
7	10	PA0ZZ	5305-00-984-4992	96906	MS35206-232	.SCREW, MACHINE.....	EA	4
7	11	PA3ZZ	5310-00-082-1404	96906	MS27183-6	.WASHER, FLAT.....	EA	4
7	12	PA3ZZ	5310-00-081-8087	96906	MS21044-N06	.NUT, SELF LOCK.....	EA	4
7	13	PA0ZZ	5310-00-579-0079	96906	MS35333-37	.WASHER, LOCK.....	EA	4
7	14	PA0ZZ	5310-00-880-9344	97403	13211E8337	.WASHER, LOCK.....	EA	4
7	15	PA0ZZ	5305-00-959-5237	97403	13214E3744W4	.SCREW, PANEL FASTNER.....	EA	4
7	16	PA0ZZ	5925-01-071-7019	74193	006-10245	.BOOT, DUST AND MOISTURE.....	EA	1
7	17	PA0ZZ	5310-00-902-6676	96906	MS21083N3	.NUT SELF-LOCKING.....	EA	2
7	18	X80ZZ		97403	13220E5385-2	.ARM, ACTUATOR.....	EA	1
7	19	PA3ZZ	5305-00-984-4983	96906	MS35206-226	.SCREW, MACHINE.....	EA	6
7	20	PA0ZZ	5310-00-579-0079	96906	MS35333-37	.WASHER, LOCK.....	EA	6
7	21	PA0ZZ		74193	JA3-279-1	.CIRCUIT BREAKER.....	EA	1
7	22	M0000		97403	13220E6712-8	.LEAD, ELECTRICAL.....	EA	1
7	23	PA3ZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL, LUG.....	EA	1
7	24	PA3ZZ	5940-00-926-0085	97403	13216E6191-2	.CLAMP, ELECTRICAL.....	EA	1
7	25	M000Z		81349	MS086/1-14-9	.WIRE, ELECTRICAL.....	FT	V
7	26	M0300		97403	13220E6712-9	.LEAD ELECTRICAL.....	EA	1
7	27	PA0ZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL, LUG.....	EA	1
7	28	PA0ZZ	5940-00-926-0085	97403	13216E6191-2	.CLAMP, ELECTRICAL.....	EA	1
7	29	M000Z		81349	MS086/1-14-9	.WIRE, ELECTRICAL.....	FT	V
7	30	M0300		97403	13220E6712-10	.LEAD ELECTRICAL.....	EA	1
7	31	PA0ZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL, LUG.....	EA	1
7	32	PA0ZZ	5940-00-926-0085	97403	13216E6191-2	.CLAMP, ELECTRICAL.....	EA	1
7	33	M030Z		81349	MS086/1-14-9	.WIRE, ELECTRICAL.....	FT	V
7	34	M0300		97403	13220E6712-18	.LEAD ELECTRICAL.....	EA	1
7	35	PA0ZZ	5940-00-143-4774	96906	MS25036-153	.TERMINAL, LUG.....	EA	1
7	36	PA0ZZ	5940-00-150-4682	97403	13216E6192	.TERMINAL, QUICK DISC.....	EA	1
7	37	M000Z		81349	MS086/1-16-9	.WIRE, ELECTRICAL.....	FT	V
7	38	PA0ZZ		96906	MS9241-007	.PACKING, PREFORMED.....	EA	3
7	39	PA3ZZ		97403	13214E3487-2	.RELAY, PHASE SEQUENCE.....	EA	1

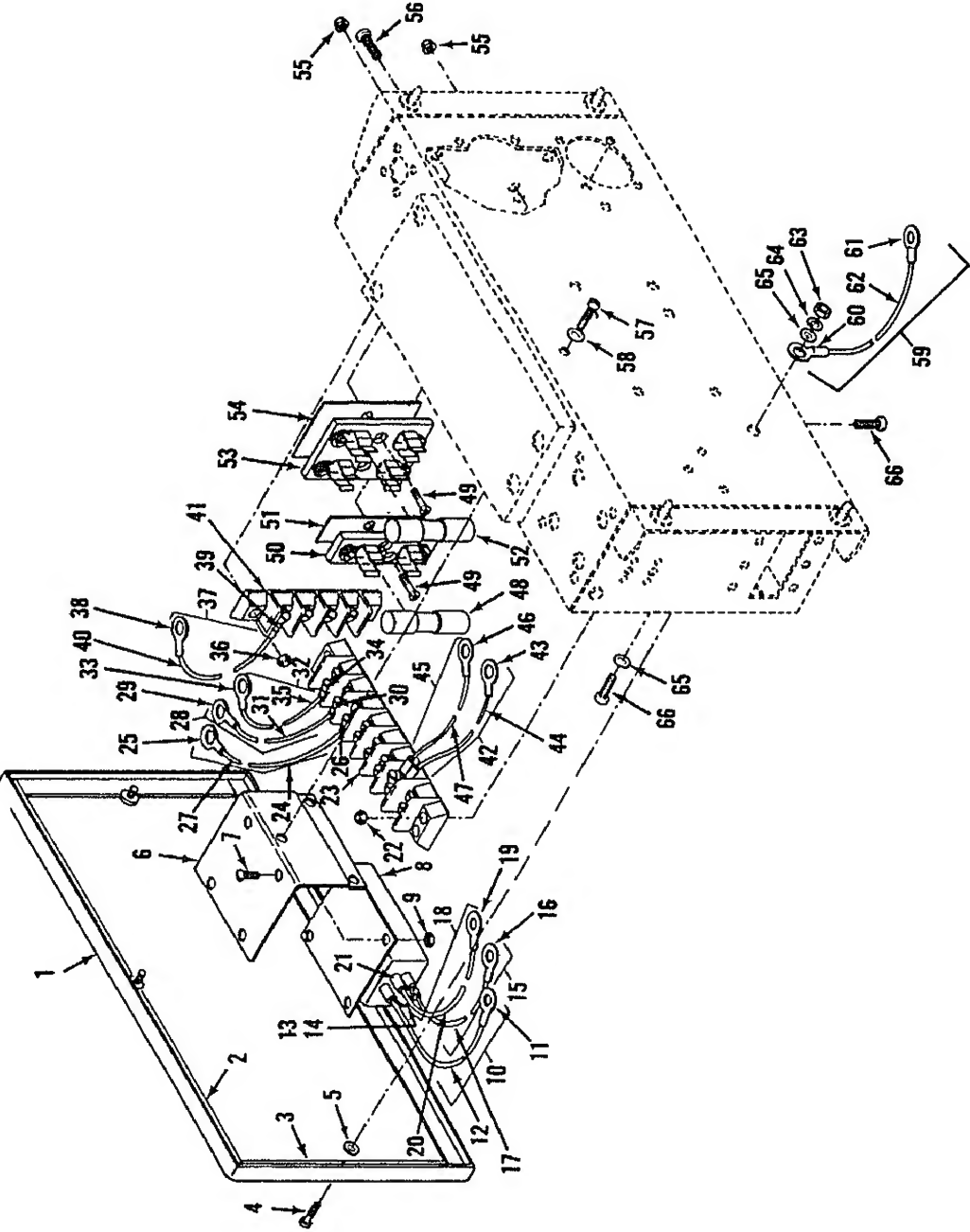
## SECTION 11

TM 5-4120-339-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION  USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
7	40	MOJDD		97403	13214E3507-2	.WIRING ASSY RELAY.....	EA	1
7	41	PAQZZ	5940-00-143-4774	96906	MS25036-153	.TERMINAL LUG.....	EA	4
7	42	MOJQZ		81349	MS086/1-16-9	.WIRE, ELECTRICAL.....	FT	V
7	43	MOJDD		81349	MIL-I-23053/5 CL ASS 1	.SHRINK SLEEVING.....	FT	V
7	44	PAJZZ	5310-00-081-8087	96906	MS21044-N06	.NUT, SELF-LOCKING.....	EA	3
7	45	PAJZZ	5310-00-082-1404	96906	MS27183-6	.WASHER, FLAT.....	EA	3
7	46	PAQZZ	5310-00-275-6813	97403	13214E3523-6	.NUT, SHEET SPRING.....	EA	4
7	47	PAQZZ	5310-00-877-5797	96906	MS21044N3	.NUT, SELF-LOCKING.....	EA	8
7	48	PAQZZ	5945-00-549-6348	96906	MS24192D1	.RELAY.....	EA	2
7	49	MOJDD		97403	13220E6712-2	.LEAD, ELECTRICAL.....	EA	1
7	50	PAJZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL LUG.....	EA	2
7	51	MOJQZ		81349	MS086/1-14-9	.WIRE, ELECTRICAL.....	FT	V
7	52	MOJDD		97403	13220E6712-4	.LEAD, ELECTRICAL.....	EA	1
7	53	PAQZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL LUG.....	EA	2
7	54	MOJQZ		81349	MS086/1-14-9	.WIRE, ELECTRICAL.....	FT	V
7	55	MOJDD		97403	13220E6712-6	.LEAD, ELECTRICAL.....	EA	1
7	56	PAJZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL LUG.....	EA	2
7	57	MOJQZ		81349	MS086/1-14-9	.WIRE, ELECTRICAL.....	FT	V
7	58	PAJZZ	5961-00-106-3259	58849	SS-329	.RECTIFIER, SEMICONDUCTOR.....	EA	1
7	59	PAJZZ	5910-00-822-5683	81349	MILC11019-12	.CAPACITOR, FIXED.....	EA	1
7	60	PAQZZ	5330-00-914-7651	96906	MS51007-12	.GASKET.....	EA	1
7	61	PAQZZ	5310-00-081-8087	96906	MS21044-N06	.NUT, SELF-LOCKING.....	EA	4
7	62	PAQZZ	5310-00-811-3494	96906	MS21044N08	.NUT, SELF-LOCKING.....	EA	4
7	63	PAJZZ	5310-00-088-0551	96906	MS21044N04	.NUT, SELF-LOCKING.....	EA	4
7	64	PAQZZ	5330-00-060-1679	96906	MS51007-2	.GASKET.....	EA	1
7	65	PAQZZ	5330-00-828-3628	96906	MS51007-10	.GASKET.....	EA	1
7	66	PAQZZ		41625	B48701-000-0022- 0	.CONTROL ASSY.....	EA	1
7	67	PAQZZ	5335-00-171-2442	41625	B43310-1	.XNOB.....	EA	1
7	68	PAQZZ	5310-00-584-7888	96906	MS35338-32	.WASHER, LOCK.....	EA	1
7	69	PAJZZ	5365-01-090-2070	97403	13211E8376-5	.SPACER, SLEEVE.....	EA	2
7	70	PAQZZ	5340-00-247-6226	96906	MS21104D3	.CLAMP, LOOP.....	EA	2
7	71	PAQZZ	5305-00-984-6196	96906	MS35206-248	.SCREW, MACHINE.....	EA	2
7	72	PAJZZ	2990-00-451-4838	41625	A37693	.CONTROL ASSY.....	EA	2
7	73	XBJZZ		97403	13220E5386	.PLATE, ACTUATOR.....	EA	1







TM5-4120-339-24P/8

Figure 8. Junction Box, Terminal Boards, Fuse Blocks and Fuses

## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U M	QTY INC IN UNIT
8	1	XBJZZ		97403	13214E3412	..COVER.....	EA	1
8	2	MOJOO		81346	ASTM-D-1056-SBE-42-CF2 .125 STK	..STRIP, SEALING.....	SH	V
8	3	MOJOO		81346	ASTM-D-1056-SBE-42-CF2 .125 STK	..STRIP, SEALING MFR FROM ASTM-D-1056, 1/8 IN.X 5/16 IN.X 6.125 IN.LG.....	SH	V
8	4	PAJZZ		94222	12-11-303W-8	..SCREW.....	EA	4
8	5	PAJZZ	5310-00-880-9344	97403	13211E8337	..WASHER, LOCK.....	EA	4
8	6	XBJZZ		97403	13222E6356	..BRACKET.....	EA	1
8	7	PAJZZ	5305-00-984-4588	96906	MS35206-228	..SCREW, MACHINE.....	EA	4
8	8	PAJZZ	5945-00-007-7669	02280	1600-5590-3	..RELAY, SOLID STATE.....	EA	1
8	9	PAJZZ	5310-00-081-8087	96906	MS21044-N06	..NUT, SELF-LOCKING.....	EA	4
8	10	MOJOO		97403	13220E6702-27	..LEAD, ELECTRICAL.....	EA	1
8	11	PAJZZ	5940-00-283-5280	96906	MS25036-106	..TERMINAL, LUG.....	EA	1
8	12	MOJOO		81349	MS086/1-16-9	..WIRE, ELECTRICAL.....	FT	V
8	13	MOJOO		97403	13220E6702-28	..LEAD, ELECTRICAL.....	EA	1
8	14	MOJOO		81349	MS086/1-16-9	..WIRE, ELECTRICAL.....	FT	V
8	15	MOJOO		97403	13220E6702-29	..LEAD, ELECTRICAL.....	EA	1
8	16	PAJZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG.....	EA	1
8	17	MOJOO		81349	MS086/1-16-9	..WIRE, ELECTRICAL.....	FT	V
8	18	MOJOO		97403	13220E6702-33	..LEAD, ELECTRICAL.....	EA	1
8	19	PAJZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG.....	EA	1
8	20	MOJOO		81349	MS086/1-16-9	..WIRE, ELECTRICAL.....	FT	V
8	21	MOJOO		81349	MIL-1-23053/5 CL ASS 1	..SHRINK, SLEEVING.....	FT	V
8	22	PAJZZ	5310-00-877-5797	96906	MS21044N3	..NUT, SELF-LOCKING.....	EA	4
8	23	XBJZZ		81349	MIL-T-55164/3	..TERMINAL BOARD.....	EA	1
8	24	MOJOO		97403	13220E6712-5	..LEAD, ELECTRICAL.....	EA	1
8	25	PAJZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG.....	EA	1
8	26	PAJZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL, LUG.....	EA	1
8	27	MOJOO		81349	MS086/1-14-9	..WIRE, ELECTRICAL.....	FT	V
8	28	MOJOO		97403	13220E6712-3	..LEAD, ELECTRICAL.....	EA	1
8	29	PAJZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL, LUG.....	EA	1
8	30	PAJZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG.....	EA	1
8	31	MOJOO		81349	MS086/1-14-9	..WIRE, ELECTRICAL.....	FT	V
8	32	MOJOO		97403	13220E6712-1	..LEAD, ELECTRICAL.....	EA	1
8	33	PAJZZ	5940-00-143-4780	96906	MS25036-108	..TERMINAL, LUG.....	EA	1
8	34	PAJZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG.....	EA	1
8	35	MOJOO		81349	MS086/1-14-9	..WIRE, ELECTRICAL.....	FT	V
8	36	PAJZZ	5310-00-081-8087	96906	MS21044-N06	..NUT, SELF-LOCKING.....	EA	2
8	37	MOJOO		97403	13220E6712-30	..LEAD, ELECTRICAL.....	EA	1
8	38	PAJZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG.....	EA	1

## SECTION 11

TM 5-4120-339-24P

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	U/M	QTY INC IN UNIT
(A) FIG NO	(B) ITEM NO							
8	39	PAJZZ	5940-00-283-5280	96906	MS25036-106	..TERMINAL,LUG.....	EA	1
8	40	MOJZZ		81349	MS086/1-16-9	..WIRE,ELECTRICAL.....	FT	V
8	41	XBJZZ		97403	13214E3804	..TERMINAL BOARD.....	EA	1
8	42	MOJDO		97403	13220E6712-32	..LEAD ELECTRICAL.....	EA	1
8	43	PAJZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL,LUG.....	EA	2
8	44	MOJDOZ		81349	MS086/1-16-9	..WIRE,ELECTRICAL.....	FT	V
8	45	MOJDOZ		97403	13206E671 2-34	..LEAD, ELECTRICAL.....	EA	1
8	46	PAJZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL,LUG.....	EA	2
8	47	MOJDOZ		81349	MS086/1-16-9	..WIRE,ELECTRICAL.....	FT	V
8	48	PAJZZ	5920-00-939-5442	71400	KAL5	..FUSE,CARTRIDGE.....	EA	1
8	49	PAJZZ	5305-00-059-4552	96906	MS35190-237	..SCREW,MACHINE.....	EA	4
8	50	PAJZZ	5920-00-240-4066	71400	4515	..FUSE BLOCK.....	EA	1
8	51	MOJDO		81346	ASTM-D-710 ELEC- GRADE COLOR GREY	..INSULATION MFG FROM ASTM-D-710 .031 STK X .750 X 2.560 LG..	SH	V
8	52	PAJZZ	5920-00-280-4431	81349	MIL-F-15160/9	..FUSE.....	EA	1
8	53	XBJZZ		97403	13211E3784	..FUSE BLOCK.....	EA	1
8	54	MOJDO		81346	ASTM-D-710 ELEC- GRADE COLOR GREY	..INSULATION MFG FROM ASTM-D-710 .031 STK X 1.310 X 2.560 LG..	SH	V
8	55	PAJZZ	5310-00-081-8087	96906	MS21044-N06	..NUT,SELF-LOCKING.....	EA	4
8	56	PAJZZ	5305-00-889-3001	96906	MS35206-231	..SCREW,MACHINE.....	EA	2
8	57	PAJZZ	5305-00-984-4588	96906	MS35206-228	..SCREW,MACHINE.....	EA	1
8	58	PAJZZ	5310-00-082-1404	96906	MS27183-6	..WASHER,FLAT.....	EA	1
8	59	MOJDO		97403	13220E6712-7	..LEAD ELECTRICAL.....	EA	1
8	60	PAJZZ	5940-00-143-4794	96906	MS25036-112	..TERMINAL,LUG.....	EA	1
8	61	PAJZZ	5940-00-143-4777	96906	MS25036-157	..TERMINAL,LUG.....	EA	1
1	62	MOJDOZ		81349	MS086/1-10-9	..WIRE,ELECTRICAL.....	FT	V
	63	PAJZZ	5310-00-877-5797	96906	MS21044N3	..NUT,SELF-LOCKING.....	EA	1
	64	PAJZZ	5310-00-045-3296	96906	MS35338-43	..WASHER,LOCK.....	EA	1
	65	PAJZZ	5310-00-014-5850	96906	MS27183-42	..WASHER,FLAT.....	EA	2
	66	PAJZZ	5305-00-984-6213	96906	MS35206-266	..SCREW,MACHINE.....	EA	2



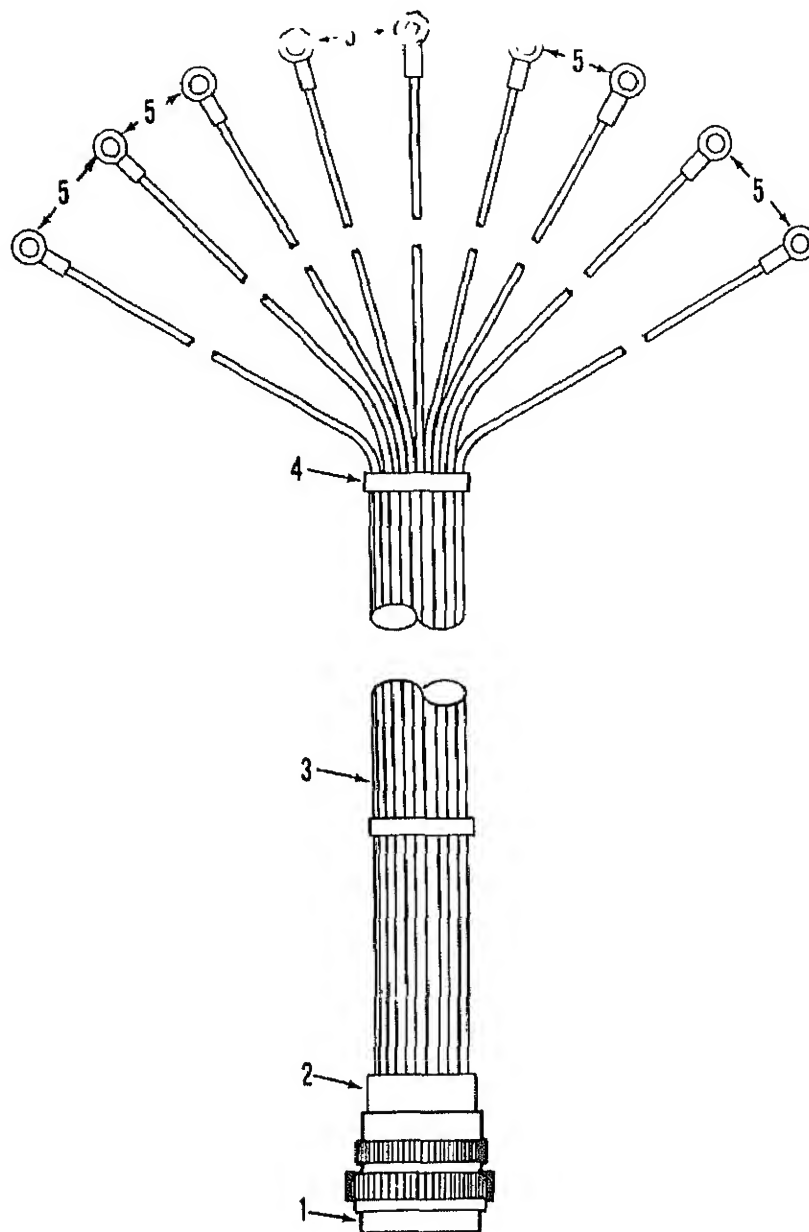


Figure 9. Wiring Harness, 13220E6707 TM5-4120-339-24P/9

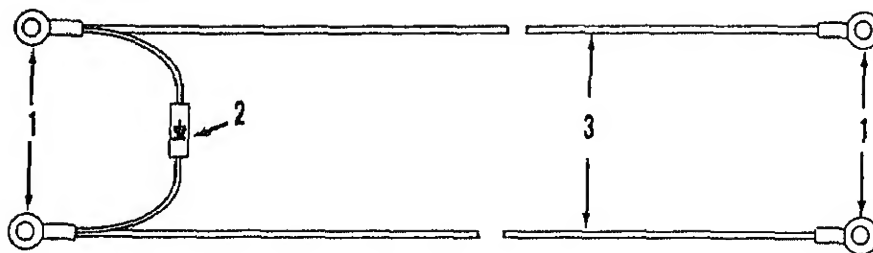


Figure 10. Wiring Harness 13220E6708 TM5-4120-339-24P/10

## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U M	QTY INC IN UNIT
9		MO000		97403	13220E6707	.WIRING HARNESS.....	EA	1
9	1	PA0ZZ	5935-00-846-2329	96906	MS3106R20-275	..CONNECTOR, ELECTRICAL.....	EA	1
9	2	XB0ZZ	5340-00-823-5322	96906	MS25251-16	..PLUG, PROTECTIVE.....	EA	1
9	3	MO00Z		81349	MS086/1-16-9	..WIRE, ELECTRICAL.....	FT	V
9	4	MO000		81349	MIL-T-43435 TYPE 1 FINISH B SIZE3	..TAPE, LACING.....	FT	V
9	5	PA0ZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG.....	EA	4
10		MO000		97403	13220E6708	.WIRING HARNESS.....	EA	1
10	1	PA0ZZ	5940-00-143-4774	96906	MS25036-153	..TERMINAL, LUG.....	EA	4
10	2	PA0ZZ	5961-01-054-4150	09214	1N1695	..SEMICONDUCTOR DEVICE.....	EA	1
10	3	MO00Z		81349	MS086/1-16-9	..WIRE, ELECTRICAL.....	FT	V

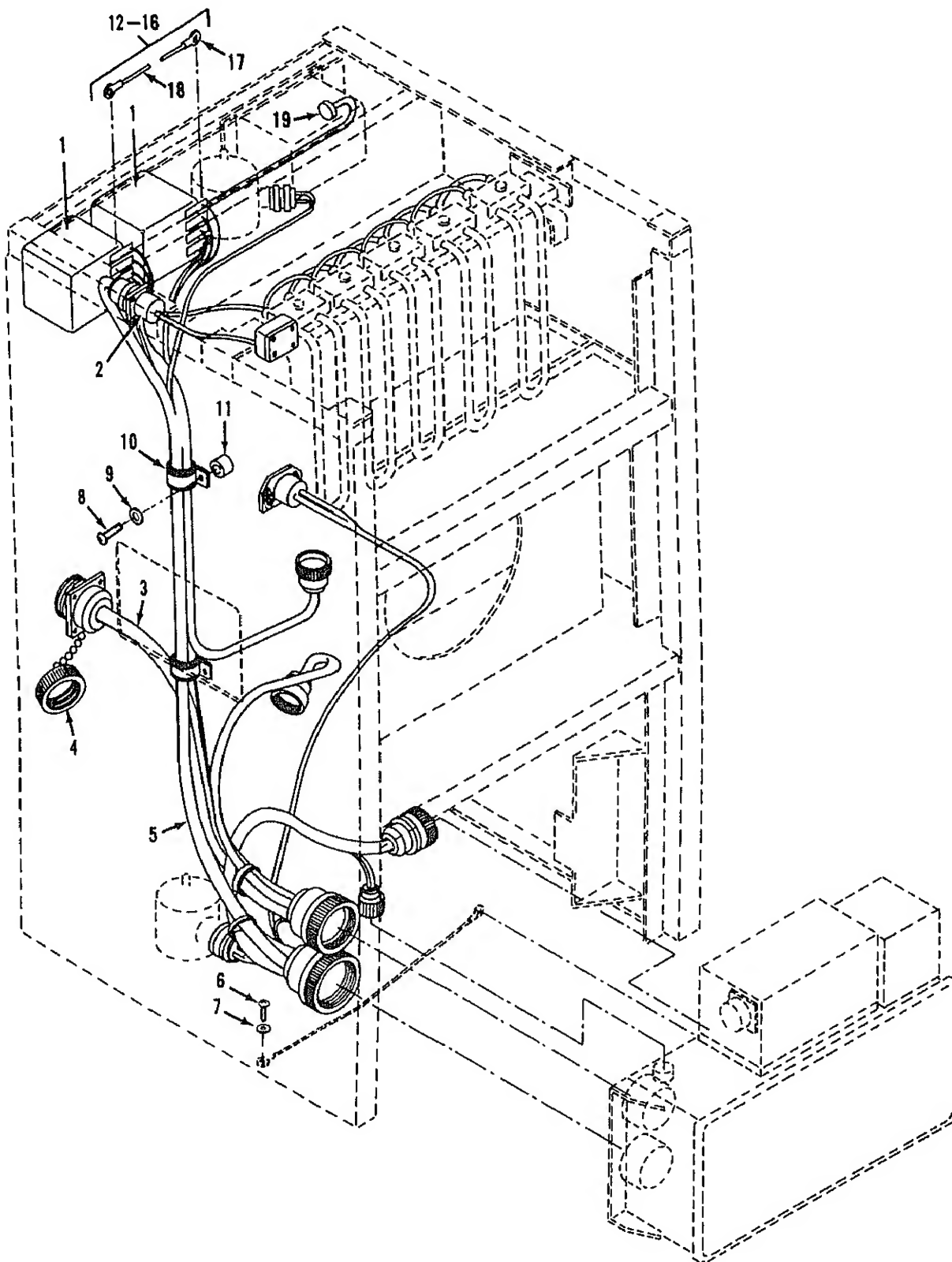


Figure 11. Electrical Installation

TM5-4120-339-24P/11



## SECTION II

TN 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
11	1	PADZZ	5945-00-430-6933	77342	PM4030	RELAY, ELECTROMAGNET.....	EA	2
11	2	MOOOO	6150-00-107-3741	97103	13214E3587	LEAD ASSY, ELECTRICAL REFER TO FIG 12 FOR PARTS BREAKDOWN.....	EA	1
11	3	MOJOO		97403	13218E9902	WIRING HARNESS REFER TO FIG 13 FOR PARTS BREAKDOWN.....	EA	1
11	4	PAJZZ	5935-00-221-8620	96906	MS25043-200	COVER, ELECTRICAL .....	EA	1
11	5	MOJOO		97403	13220E6709	WIRING HARNESS REFER TO FIG 14 FOR PARTS BREAKDOWN.....	EA	1
11	6	PADZZ	5305-00-068-0505	96906	MS90726-5	SCREW, CAP, HEXAGON .....	EA	1
11	7	PAJZZ	5310-00-809-4058	96906	MS27183-10	WASHER, FLAT.....	EA	1
11	8	PAJZZ	5305-00-993-1648	96906	MS35207-265	SCREW, MACHINE.....	EA	2
11	9	PAJZZ	5310-00-045-3296	96906	MS35338-43	WASHER, LOCK.....	EA	2
11	10	PADZZ	5340-00-726-9317	96906	MS21919069	CLAMP, LOOP.....	EA	2
11	11	XBOZZ		97403	13211E8376-1	SPACER.....	EA	2
11	12	MOJOO		97403	13220E6712-21	LEAD ELEC. K7-C3 TO K8-A3.....	EA	1
11	13	MOJOO		97403	13220E6712-19	LEAD ELEC. K7-C1 TO K8-C1.....	EA	1
11	14	MOJOO		97403	13220E6712-20	LEAD ELEC. K7-D1 TO K8-D1.....	EA	1
11	15	MOOOO		97403	13220E6712-22	LEAD ELEC. K7-D3 TO K8-B3.....	EA	1
11	16	MOJOO		97403	13220E6712-36	LEAD ELECT. K7-A3 TO K7-B1.....	EA	1
11	17	PADZZ	5940-00-143-4774	96906	MS25036-153	TERMINAL, LUG.....	EA	8
11	18	MOJOO		81349	MS086/1-16-9	WIRE, ELECTRICAL.....	FT	V
11	19	PAFZZ	5325-00-263-6632	96906	MS35489-6	GROMMET, NONMETALLIC.....	EA	1

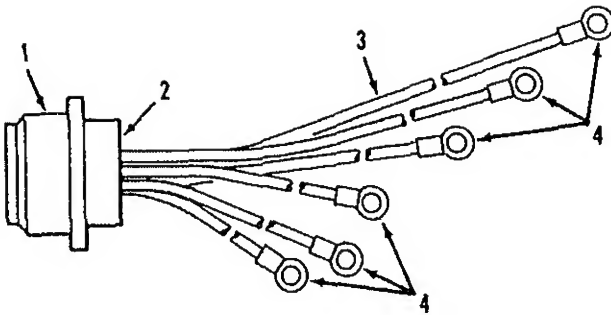


Figure 12. Wiring Harness, 13214E3587      TM5-4 120-339-24P/12

## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION  USABLE ON CODE	(7) U M	(8) QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO							
12		H000Z		97403	13214E3587	LEAD ASSEMBLY, ELECTRICAL.....	EA	1
12	1	PA0ZZ	5935-00-835-4208	96906	MS3100R16S1PW	.CONNECTOR, ELECTRICAL.....	EA	1
12	2	XBDZZ	5340-00-823-5322	96906	MS25251-16	.PLUG, PROTECTIVE.....	EA	1
12	3	H000Z		81349	MS086/1-16-9	.WIRE, ELECTRICAL.....	FT	V
12	4	PA0ZZ	5940-00-143-4780	96906	MS25036-108	.TERMINAL, LUG.....	EA	6

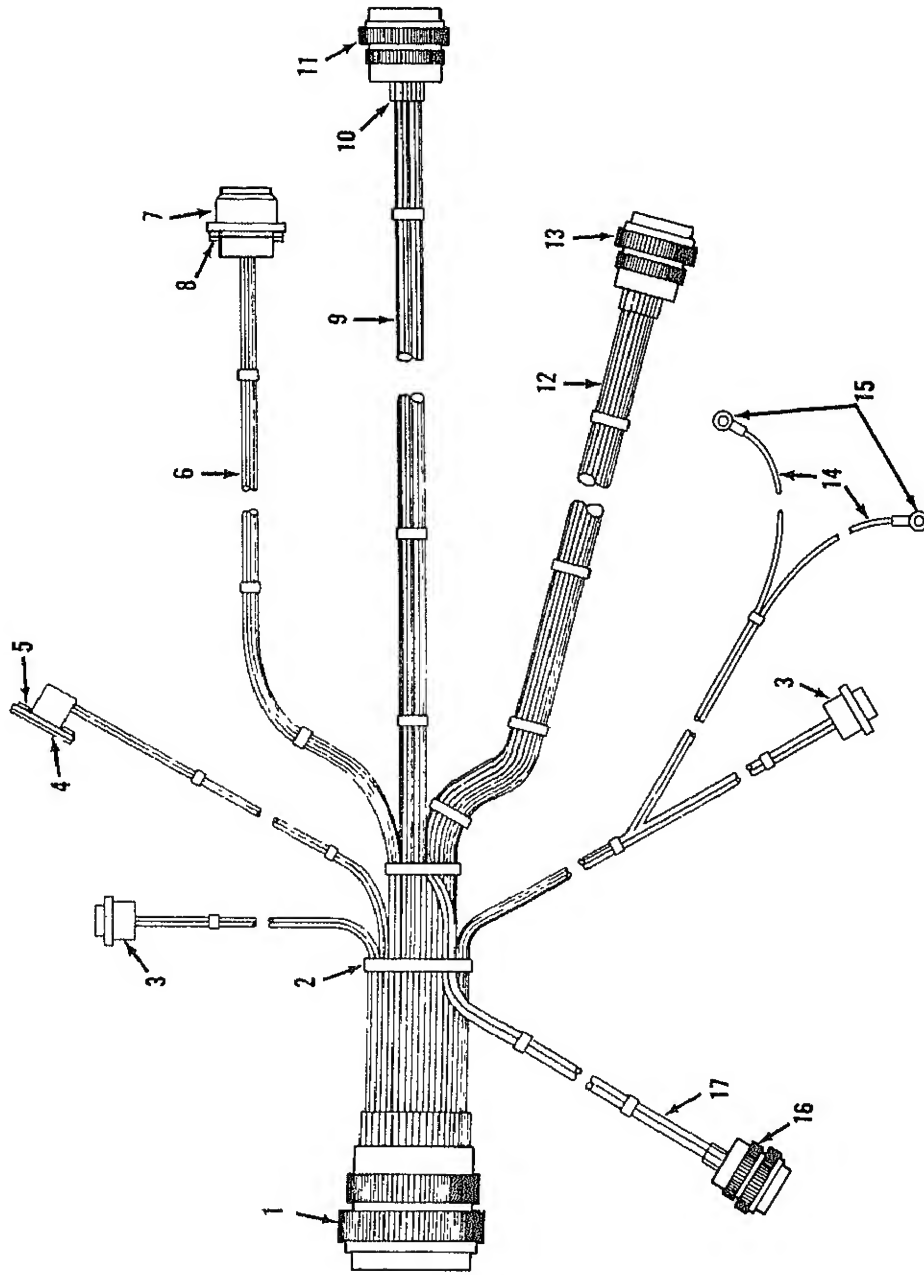


Figure 13. Wiring Harness, 13218E9902

## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
13		M0300		97403	13218E9902	WIRING HARNESS.....	EA	1
13	1	PA3ZZ	5935-00-847-8124	96906	MS3106R32-65	.CONNECTOR , ELECTRICAL.....	EA	1
13	2	M0300		81349	MIL-T-43435 TYPE 1 FINISH 8 SIZE3	.TAPE LACING .....	FT	V
13	3	PA0ZZ	5975-00-937-3680	49367	D892100	.CONNECTOR BOX , ELECTRICAL ,.....	EA	2
13	4	PA0ZZ	5930-00-981-6680	97403	13211E8180	.SWITCH,THERMOSTATIC.....	EA	1
13	5	XB3ZZ		97403	13220E5672	.PLATE,CONNECTOR.....	EA	1
13	6	M030Z		81349	M5086/1-12-9	.WIRE,ELECTRICAL.....	FT	V
13	7	PA3ZZ	5935-00-928-7865	96906	MS3100R20-4P	.CONNECTOR, ELECTRICAL.....	EA	1
13	8	XB0ZZ				.CONNECTOR, PLUG.....	EA	1
13	9	M030Z		81349	M5086/1-16-9	.WIRE,ELECTRICAL.....	FT	V
13	10	XB3ZZ	5340-00-823-5322	96906	MS25251-16	.PLUG,PROTECTIVE.....	EA	2
13	11	PA3ZZ	5935-01-068-7478	96906	MS3106R16SL5W	.CONNECTOR ,ELECTRICAL.....	EA	1
13	12	M030Z		81349	M5086/1-14-9	.WIRE,ELECTRICAL.....	FT	V
13	13	PA0ZZ	5935-00-816-8446	96906	MS3106R20-155	.CONNECTOR , ELECTRICAL.....	EA	1
13	14	M030Z		81349	M5086/1-16-9	.WIRE,ELECTRICAL.....	FT	V
13	15	PA0ZZ	5940-00-143-4774	96906	MS25036-133	.TERMINAL,LUG.....	EA	2
13	16	PA0ZZ	5935-00-816-4802	96906	MS3106R10SL3P	.CONNECTOR , ELECTRICAL.....	EA	1
13	17	M030Z		81349	M5086/1-16-9	.WIRE,ELECTRICAL.....	FT	V

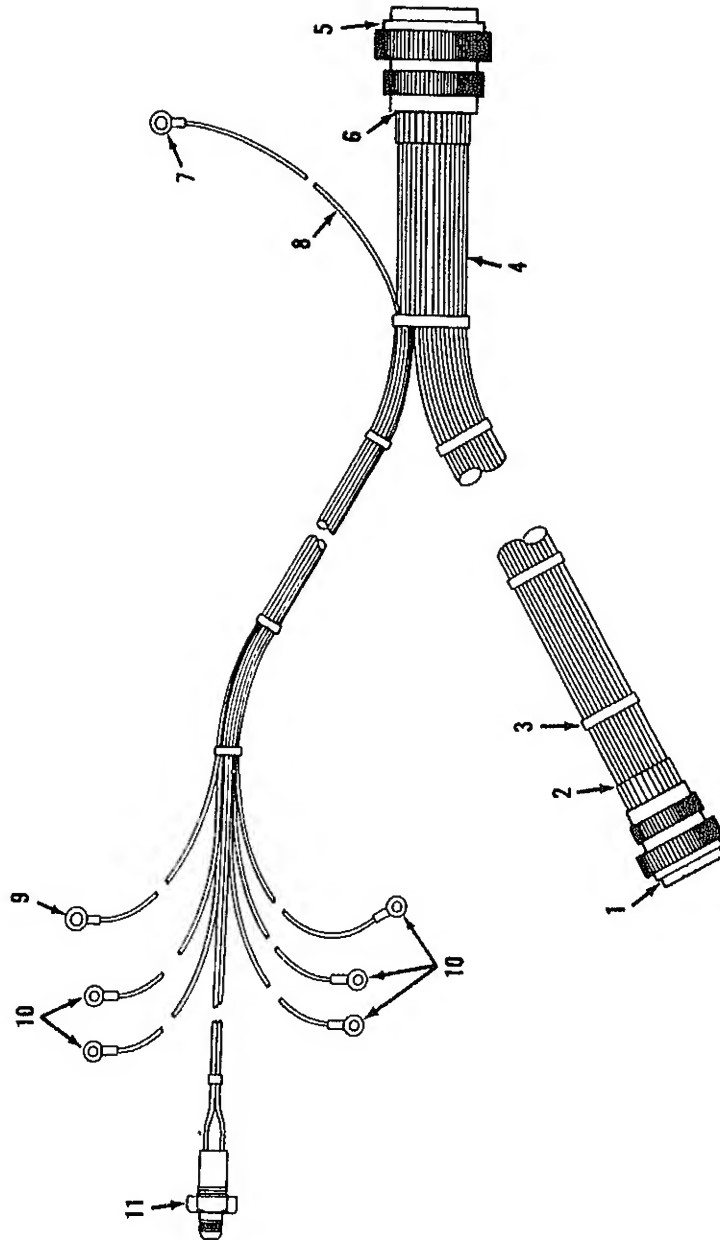


Figure 14. Wiring Harness, 13220E6709

## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U M	QTY INC IN UNIT
14		MD300		974 03	1322 0E6709	.WIRING HARNESS.....	EA	1
14	1	PA0ZZ	5935-00-801-6623	96906	MS3100R28-115	.CONNECTOR, ELECTRICAL.....	EA	1
14	2	XBDZZ	5935-00-565-9503	96906	MS25251-12	.PLUG, END SEAL, ELECTRICAL.....	EA	4
14	3	M0000		81349	MIL-T-43435 TYPE 1 FINISH 8 SIZE3	.TAPE, LACING.....	FT	V
14	4	M000Z		81349	MS086/1-16-9	.WIRE, ELECTRICAL.....	FT	V
14	5	PA0ZZ	5935-00-752-2793	96906	MS3106R28-12P	.CONNECTOR, ELECTRICAL.....	EA	1
14	6	XBDZZ	5940-00-823-5322	96906	MS25251-16	.PLUG, PROTECTIVE.....	EA	1
14	7	PA0ZZ	5940-00-143-4777	96906	MS25036-157	.TERMINAL LUG.....	EA	1
14	8	M000Z		81349	MS086/1-10-9	.WIRE, ELECTRICAL.....	FT	V
14	9	PA0ZZ	5940-00-143-4794	96906	MS25036-112	.TERMINAL LUG.....	EA	1
14	10	PA0ZZ	5940-00-143-4774	96906	MS25036-153	.TERMINAL LUG.....	EA	5
14	11	PA0ZZ	5930-00-396-2244	82647	6P5306M405N285L	.SWITCH, PRESSURE.....	EA	V

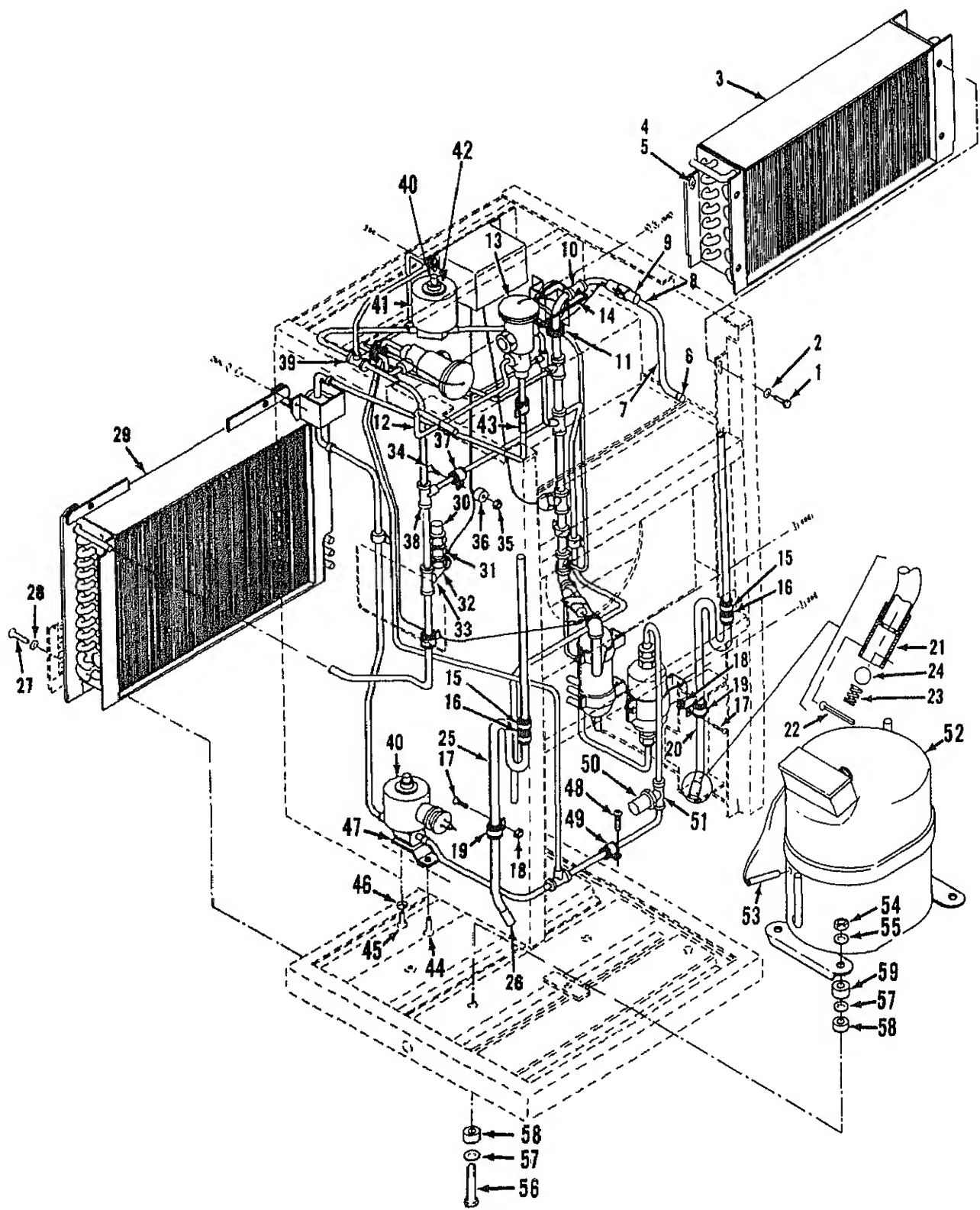


Figure 15. Refrigerant Compressor, Coil, and Tubing

TM5-4120-339-24P/15



## SECTION II

TM 5-4120-339-24P

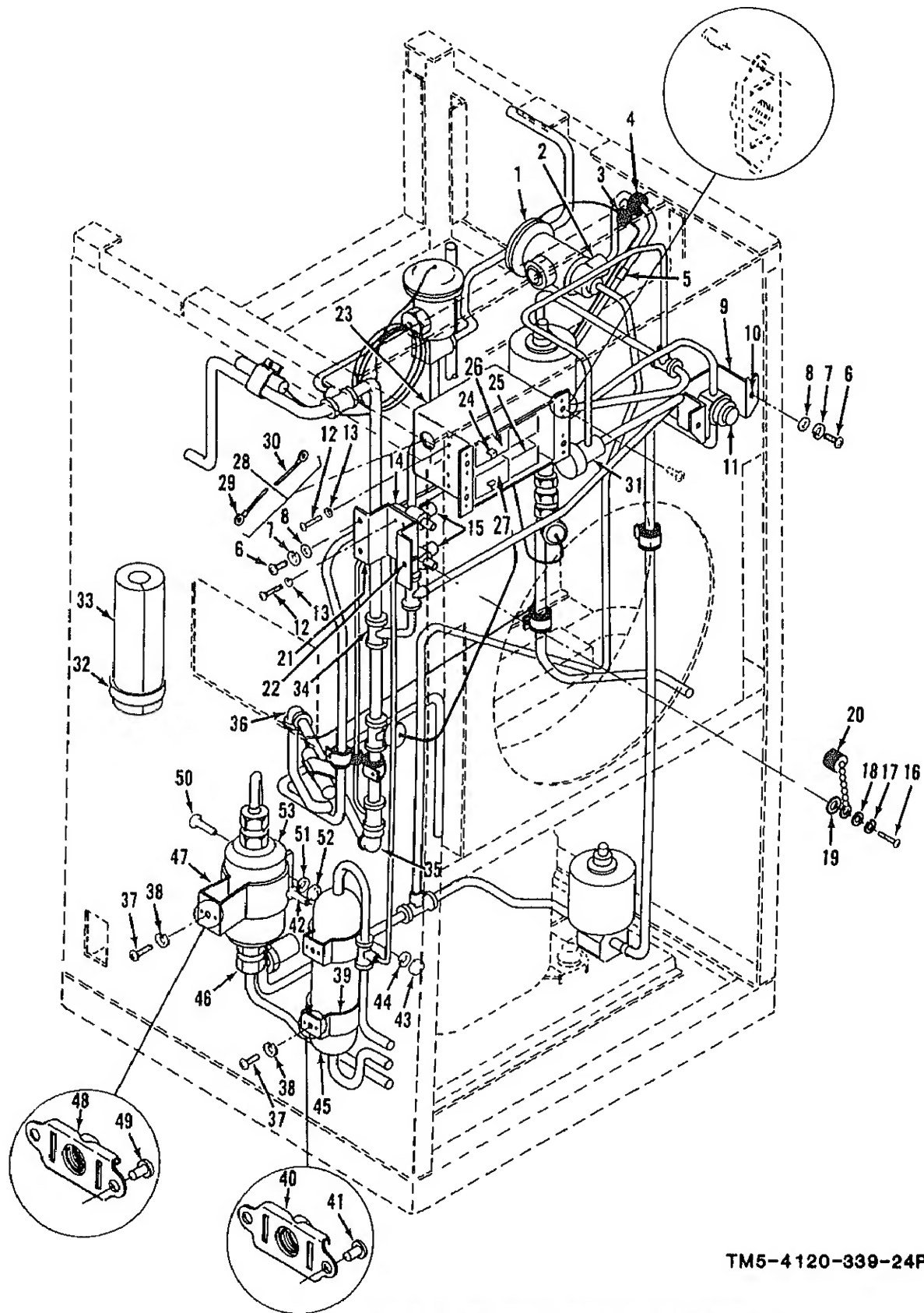
(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC (N UNIT
GROUP 05 REFRIGERANT SYSTEM								
15	1	PAFZZ	5305-00-857-5867	96906	MS9122-03	SCREW, MACHINE.....	EA	6
15	2	PAFZZ	5310-00-809-8546	96906	MS27183-8	WASHER, FLAT.....	EA	6
15	3	PAFFZ	4130-01-057-2638	97403	13220E0607	COIL, EVAPORATOR.....	EA	1
15	4	PAFZZ	5320-00-117-6538	96906	MS20426A03-4	.RIVET, SOLID CSK.....	EA	12
15	5	PAFZZ	5310-00-772-3720	96906	MS2107513	.NUT, SELF LOCKING.....	EA	6
15	6	PAFZZ	4730-00-932-0970	96906	MS35920-3	REDUCER, TUBE.....	EA	1
15	7	MFFFF		81346	ASTM-B280 .50 OD	TUBE, COPPER .500STK.....	FT	V
15	8	PAFZZ	5640-00-580-6276	77464	165	TAPE, INSULATION.....	EA	V
15	9	MFFFF		81346	ASTM-B280 .75 OD	TUBE, COPPER .750STK.....	FT	V
15	10	PAFZZ	4730-00-821-9184	97403	13211E4043-12	TEE, TUBE.....	EA	4
15	11	PAJZZ	5325-00-276-6100	96906	MS35489-14	GROMMET, NONMETALLIC.....	EA	1
15	12	MFFFF		81346	ASTM-B280 .37500	TUBE, COPPER .375STK.....	FT	V
15	13	PAFZZ	4820-00-112-0047	97403	13214E3568-2	VALVE, EXPANSION.....	EA	1
15	14	MFFFF		81346	ASTM-B280 .25 OD	TUBE, COPPER .250STK.....	FT	V
15	15	PAFZZ	4730-00-908-3194	96906	MS35842-11	CLAMP, HOSE.....	EA	4
15	16	PAFZZ	4720-00-269-7060	97403	13211E8323	HOSE, DRAIN.....	EA	2
15	17	PAFZZ	5305-00-063-3503	96906	MS24693-S50	SCREW, MACHINE.....	EA	2
15	18	PAFZZ	5310-00-060-2039	96906	MS21044D08	NUT, SELF-LOCKING.....	EA	2
15	19	PAFZZ	5340-00-106-0551	96906	MS21104-D10	CLAMP, LOOP.....	EA	2
15	20	XBJZZ	4710-01-091-3906	97403	13214E3484	TUBE, BENT, METALLIC.....	EA	1
15	21	XBJZZ		97403	13211E8410	.SEAT, BALL CHECK.....	EA	1
15	22	PAFZZ	5315-00-234-1856	96906	MS24665-155	PIN.....	EA	2
15	23	PAFZZ	5360-00-240-6526	97403	13211E8412	SPRING, HELICAL, COMPRESSION.....	EA	2
15	24	PAFZZ	3110-00-136-2696	97403	13211E8411	BALL, BEARING.....	EA	2
15	25	XBJZZ		97403	13214E3486	TUBE, DRAIN.....	EA	1
15	26	XBJZZ		97403	13211E8410	.SEAT, BALL CHECK.....	EA	1
15	27	PAFZZ	5305-00-993-1848	96906	MS35207-265	SCREW, MACHINE.....	EA	6
15	28	PAFZZ	5310-00-821-2366	97403	13214E3469	WASHER, FLAT.....	EA	6
15	29	PAFZZ	4130-00-902-1482	10855	76G2-224	COOLING COIL, AIR.....	EA	1
15	30	PAFZZ	5930-00-396-2244	82647	6P5306N405N2851	SWITCH, PRESSURE.....	EA	1
15	31	PAFZZ	4730-00-769-3461	41947	A13563	COUPLING TUBE.....	EA	1
15	32	PAFZZ	4730-00-821-9184	41947	W40350	TEE TUBE ANGLE.....	EA	1
15	33	PAFZZ	4730-00-926-9649	97403	13214E3411-1	TEE, PIPE TO TUBE.....	EA	1
15	34	PAFZZ	5305-00-995-3442	96906	MS35207-268	SCREW, MACHINE.....	EA	6
15	35	PAFZZ	5310-00-877-3797	96906	MS21044N3	NUT, SELF-LOCKING.....	EA	3
15	36	XBJZZ		97403	13211E8376-1	SPACER.....	EA	7
15	37	PAFZZ	5340-00-543-4394	96906	MS21919D66	CLAMP, LOOP.....	EA	8
15	38	PAFZZ	4730-00-263-6460	96906	MS35929-3	TEE, TUBE.....	EA	2
15	39	PAFZZ	4730-00-818-7778	97403	13211E4043-6	TEE, TUBE.....	EA	3

## SECTION II

TM 5-4120-339-24P

ILLUSTRATION		SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	U/M	QTY INC IN UNIT
(a) FIG NO	(b) ITEM NO							
15	40	PAFFF		93781	5-70157	VALVE, SOLENOID.....	EA	2
15	41	PA0ZZ		93781	7W996	.COIL AND HOUSING.....	EA	1
15	42	PAFZZ	5330-00-402-4645	93781	P45-11	.SEAL.....	EA	1
15	43	PAFZZ	4730-00-264-9153	96906	MS35927-3	COUPLING, TUBE.....	EA	1
15	44	PAFZZ	5305-00-984-6194	96906	MS35206-246	SCREW, MACHINE.....	EA	1
15	45	PAFZZ	5305-00-984-6193	96906	MS35206-245	SCREW, MACHINE.....	EA	8
15	46	PAFZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	1
15	47	XBJZZ	5340-01-026-3363	97403	13214E3592-1	BRACKET, DOUBLE ANGL.....	EA	1
15	48	PAFZZ	5305-00-989-7435	96906	MS35207-264	SCREW, MACHINE.....	EA	6
15	49	PAFZZ	5340-00-543-4394	96906	MS21919DG6	CLAMP LOOP.....	EA	8
15	50	PAFZZ	4820-00-073-8405	98930	C1503-01	VALVE, SAFETY RELIEF.....	EA	1
15	51	PAFZZ	4730-00-143-8933	97403	13214E3411-3	TEE, PIPE TO TUBE.....	EA	1
15	52	PAFFZ	4130-01-048-2139	97403	13208E4182-7	COMPRESSOR, REFRIGERATION.....	EA	1
15	53	PAFZZ	4540-00-174-0039	65586	C205	.HEATING ELEMENT.....	EA	1
15	54	PAFZZ	5310-00-984-3806	96906	MS31922-9	NUT, SELF-LOCKING.....	EA	4
15	55	PAFZZ	5310-00-167-0767	88044	AN970-5	WASHER, FLAT.....	EA	8
15	56	PAFZZ	5306-00-235-4727	97403	13211E8166	BOLT, EXTERNALLY RELIEVED.....	EA	4
15	57	PAFZZ	5310-01-032-4875	97403	13214E3476	WASHER, FLAT.....	EA	8
15	58	PAFZZ	5310-00-401-3365	97403	13211E8170	WASHER.....	EA	8
15	59	XBFZZ	5365-01-114-0777	97403	13214E3659	SPACER.....	EA	4





TM5-4120-339-24P/16

Figure 16. Refrigerant Dehydrator and Valves

## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION	USABLE ON CODE	QTY INC IN UNIT
16	1	PAFZZ	4820-01-038-8231	97403	13214E3785-2	VALVE, EXPANSION.....	EA	1
16	2	PAFZZ	4730-00-822-1274	97403	13211E3799-1	REDUCER, TUBE.....	EA	1
16	3	PAFZZ	5325-00-286-6047	96906	MS35489-1	GROMMET, NONMETALLIC.....	EA	1
16	4	PAOZZ	5325-00-263-6632	96906	MS35489-6	GROMMET, NONMETALLIC.....	EA	1
16	5	PAFZZ	4730-00-264-9151	96906	MS35927-2	COUPLING, TUBE.....	EA	1
16	6	PAFZZ	5305-00-984-6194	96906	MS35206-246	SCREW, MACHINE.....	EA	5
16	7	PAFZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	7
16	8	PAFZZ	5310-00-809-8544	96906	MS27183-7	WASHER, FLAT.....	EA	5
16	9	XBFFF		97403	13214E3419	BRACKET.....	EA	1
16	10	PAFZZ	5310-01-043-5788	96906	MS27130-513K	.NUT, PLAIN, BLIND, RIVET.....	EA	2
16	11	PAFZZ	4130-00-073-8404	78462	SA-K13	INDICATOR, SIGHT.....	EA	1
16	12	PAOZZ	5305-00-984-4984	96906	MS35206-227	SCREW, MACHINE.....	EA	4
16	13	PAOZZ	5310-00-045-4007	96906	MS35338-41	WASHER, LOCK.....	EA	4
16	14	PAFZZ	4730-00-189-2737	96906	MS35872-2	NUT, TUBE COUPLING.....	EA	3
16	15	PAFZZ	4820-01-015-6690	97403	13219E9499-1	VALVE, GLOBE.....	EA	2
16	16	PAFZZ	5305-00-984-6195	96906	MS35206-247	SCREW, MACHINE.....	EA	1
16	17	PAFZZ	5310-00-045-3299	96906	MS35338-42	WASHER, LOCK.....	EA	1
16	18	PAOZZ	5310-00-823-8804	96906	MS27183-9	WASHER, FLAT.....	EA	1
16	19	PAFZZ	5310-00-809-8544	96906	MS27183-7	WASHER, FLAT.....	EA	1
16	20	PAFZZ	4730-01-092-3835	97403	13219E9540	CAP AND CHAIN.....	EA	2
16	21	XBDDO		97403	13220E6722	BRACKET, SERVICE VALVE.....	EA	1
16	22	PAOZZ		96906	MS27130-593	.NUT, BLIND RIVET.....	EA	4
16	23	XBFFF		97403	13214E3578-1	ENCLOSURE.....	EA	1
16	24	PAFZZ	5320-00-117-6538	96906	MS20426AD3-4	.RIVET, SOLID.....	EA	8
16	25	PAFZZ	5310-00-680-4985	80205	NAS1031A06	.NUT, SELF-LOCKING.....	EA	4
16	26	PAFZZ	5930-00-275-78C0	97403	13211E8404	SWITCH, PRESSURE.....	EA	1
16	27	PAFZZ	5930-00-312-4115	97403	13214E3794	SWITCH, PRESSURE.....	EA	1
16	28	MOQOO		97403	13220E6712-26	LEAD ELECTRICAL S5- 1 TO S6-2.....	EA	1
16	29	PAOZZ	5940-00-143-4774	96906	MS25036-153	.TERMINAL, LUG.....	EA	2
16	30	MOQOZ		81349	MS086/1-16-9	.WIRE, ELECTRICAL.....	FT	V
16	31	PAFZZ	4820-00-106-1973	97403	13214E3742	VALVE, EXPANSION.....	EA	1
16	32	PAFZZ	7510-00-852-8179	81349	HIL-T-22085	TAPE, PRESSURE, SENSITIVE.....	RL	V
16	33	MOQOO		81349	HIL-P-15280 FORM T .50IDX.50WALL	PLASTIC MATERIAL.....	EA	V
16	34	PAFZZ	4730-00-203-4922	97403	13211E4043-11	TEE, TUBE.....	EA	1
16	35	PAFZZ	4730-00-821-3037	97403	13216E6176-3	ELBOW, TUBE.....	EA	1
16	36	PAFZZ	4730-00-254-6449	97403	13216E6190-3	ELBOW, TUBE.....	EA	1
16	37	PAFZZ	5305-00-993-2738	96906	MS35207-280	SCREW, MACHINE.....	EA	3
16	38	PAFZZ	5310-00-582-5565	96906	MS35338-44	WASHER, LOCK.....	EA	3
16	39	PAFFZ		97403	13211E8406-1	CLAMP LOOP.....	EA	2

## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6) DESCRIPTION	(7)	(8)
(a) FIG NO	(b) ITEM NO	SMR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	USABLE ON CODE	U/M	QTY INC IN UNIT
16	40	PAFZZ	5310-00-771-7359	96906	MS21076-L4	NUT SELF LOCK PLATE.....	EA	1
16	41	PAFZZ	5320-00-005-6256	11815	CCR264SS3-4	RIVET, BLIND.....	EA	2
16	42	PAFZZ	5305-00-958-0588	96906	MS35207-287	SCREW, MACHINE.....	EA	2
16	43	PAFZZ	5310-00-043-0520	96906	MS35650-3252	NUT, PLAIN, HEXAGON.....	EA	2
16	44	PAFZZ	5310-00-582-5965	96906	MS35338-44	WASHER, LOCK.....	EA	2
16	45	XBFZZ		97403	13214E3798-2	RECEIVER.....	EA	1
16	46	PAFZZ	4730-00-189-2739	96906	MS35872-3	NUT, TUBE COUPLING.....	EA	2
16	47	PAFFF		97403	13211E8406-2	BRACKET ASSEMBLY.....	EA	1
16	48	PAFZZ	5310-00-771-7359	96906	MS21076-L4	NUT, SELF LOCK PLATE.....	EA	1
16	49	PAFZZ	5320-00-005-6256	11815	CCR264SS3-4	RIVET, BLIND.....	EA	2
16	50	PAFZZ	5305-00-088-8923	96906	MS35207-285	SCREW, MACHINE.....	EA	1
16	51	PAFZZ	5310-00-582-5965	96906	MS35338-44	WASHER, LOCK.....	EA	1
16	52	PAFZZ	5310-00-043-0520	96906	MS35650-3252	NUT, PLAIN, HEXAGON.....	EA	1
16	53	PAFZZ	4130-00-572-4709	70255	EK-083	DEHYDRATOR, DESICCAN.....	EA	1



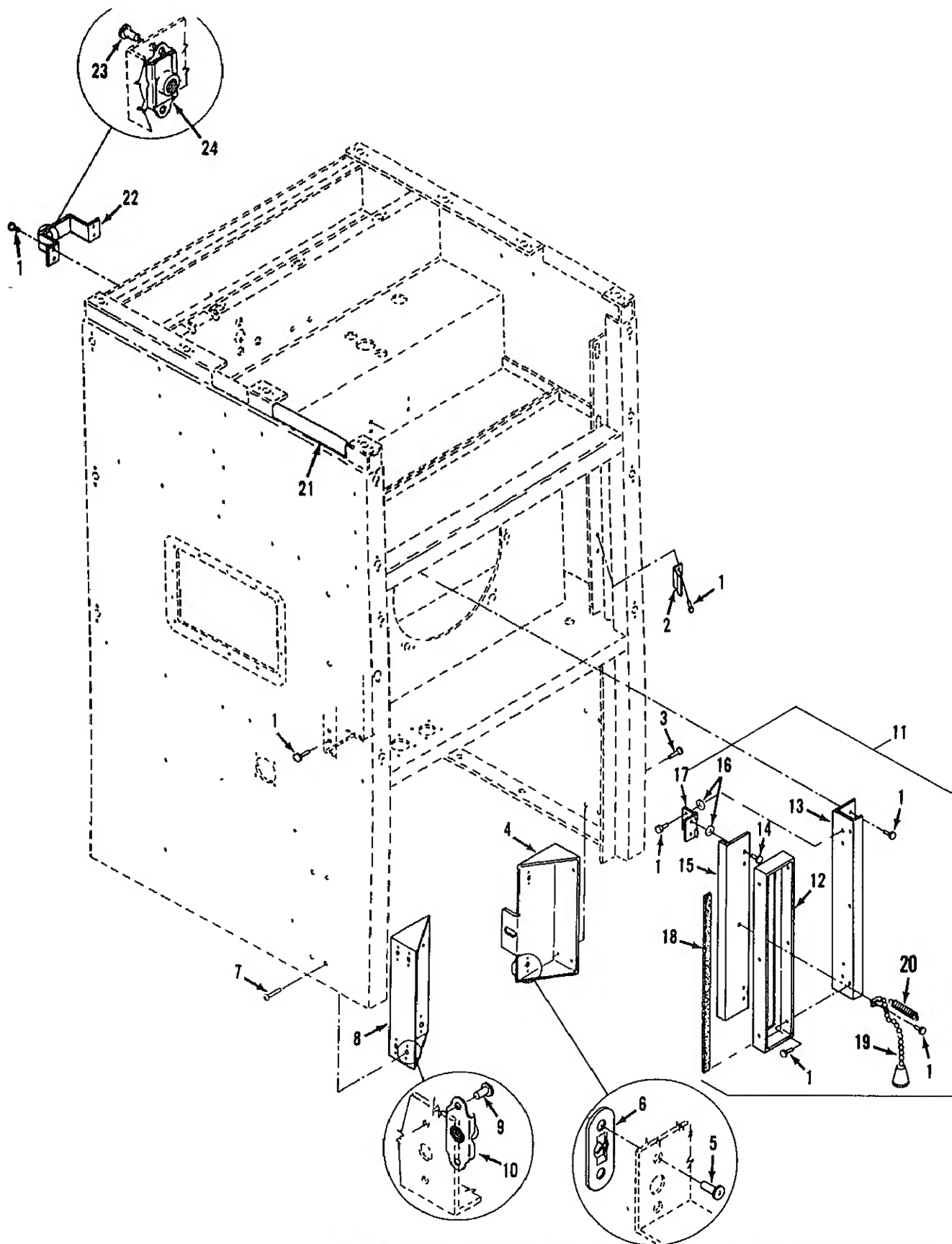


Figure 17. Casing Assembly

TM5-4120-339 24P/17



## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2) SMR CODE	(3) NATIONAL STOCK NUMBER	(4) FSCM	(5) PART NUMBER	(6) DESCRIPTION  USABLE ON CODE	(7) U/M	(8) QTY INC IN UNIT
GROUP 06 CASING ASSEMBLY								
17		XBFHH		97403	13222E0610	CASING ASSY.....	EA	1
17	1	PAFZZ	5320-00-932-1972	97403	13214E3789-2	..RIVET, BLIND.....	EA	52
17	2	PAFZZ		97403	13216E9521	..CLIP, FILTER.....	EA	1
17	3	PAFZZ	5320-00-882-8388	07707	AD43H	..RIVET, BLIND.....	EA	14
17	4	XBFFF		97403	13214E3382	..BRACKET, JUNCTION BOX, RIGHT SIDE.....	EA	1
17	5	PAFZZ	5320-00-323-3984	97403	13214E3791-1	..RIVET, BLIND.....	EA	8
17	6	PAFZZ	5310-00-089-6304	97403	13211E8382	..NUT, SHEET SPRING.....	EA	4
17	7	PAJZZ	5305-00-984-4989	96906	MS35206-229	..SCREW, MACHINE.....	EA	4
17	8	XBFFF		97403	13222E0612	..BRACKET, JUNCTION BOX LEFT SIDE.....	EA	1
17	9	PAFZZ	5320-00-117-6938	96906	MS20426AD3-4	..RIVET, SOLID.....	EA	8
17	10	PAFZZ	5310-00-680-4985	80205	NAS1031A06	..NUT, SELF-LOCKING.....	EA	4
17	11	XBFFF		97403	13214E3655	..DAMPER.....	EA	1
17	12	XBJZZ		97403	13214E3413-2	..PANEL.....	EA	1
17	13	XBJZZ		97403	13214E3631	..CHANNEL.....	EA	1
17	14	PAFZZ	5320-00-882-8388	07707	AD43H	..RIVET, BLIND.....	EA	4
17	15	XBFZZ		97403	13214E3614-1	..BLADE, DAMPER.....	EA	1
17	16	PAFZZ	5310-00-950-1310	96906	MS27183-4	..WASHER, FLAT.....	EA	8
17	17	XBFZZ	5340-00-302-1415	97403	13211E8191	..HINGE, BUTT.....	EA	2
17	18	HFFFF		81346	ASTM-D-1056 SBE-42-CF2 .125 STK	..SEALING STRIP MFR FROM ASTM-D-1056, 1/8 IN. X 5/16 IN. X .125 STK AR LG.....	SH	V
17	19	PAFZZ	4130-00-106-5657	97403	13211E8322	..CHAIN ASSEMBLY, AIR.....	EA	1
17	20	PAFZZ	5360-00-105-9432	96906	MS24586-C48	..SPRING, HELICAL, EXTENSION.....	EA	1
17	21	HFFFF		81346	ASTM-D-1056 SBE-42-CF2 .06 STK	..SEALING STRIP MFR FROM ASTM-D-1056, 1/16 IN. AR LG.....	SH	V
17	22	XBFFF		97403	13214E3632	..BRACKET.....	EA	1
17	23	PAFZZ	5320-00-117-6938	96906	MS20426AD3-4	..RIVET SOLID.....	EA	2
17	24	PAFZZ	5310-00-623-5991	80205	NAS1031A08	..NUT SELF-LOCKING.....	EA	1
GROUP 07 BULK MATERIAL								
BULK		PAFZZ	4710-00-203-3173	81346	ASTM-B280	TUBE, COPPER .375 OD STOCK.....	FT	
BULK		PAFZZ	4710-00-203-3173	81346	ASTM-B280	TUBE, COPPER .500 OD STOCK.....	FT	
BULK		PAFZZ	4710-00-203-3173	81346	ASTM-B280	TUBE, METALLIC .750 OD STOCK.....	FT	
BULK		PAJZZ	9320-00-815-2798	81349	MIL-R-6130	RUBBER STRIP 1/16 IN. STOCK.....	SH	
BULK		PAJZZ	9320-01-048-2935	81349	MIL-R-6130GRADEA	RUBBER STRIP 1/8 IN. STOCK.....	SH	
BULK		PAJZZ	9320-01-048-4563	81205	BMSL-15CLASSSOFT	RUBBER SHEET, CELLUL 1/4 IN. STOCK.....	SH	
BULK		PAJZZ		97403	13214E3814	INSULATION .031 OD STOCK.....	SH	
BULK		PAJZZ	5640-01-031-1261	81349	MIL-I-4511 .250	INSULATION .25 IN. THICK.....	SH	

## SECTION II

TM 5-4120-339-24P

(1) ILLUSTRATION		(2)	(3)	(4)	(5)	(6)	(7)	(8)
(a) FIG NO	(b) ITEM NO	SWR CODE	NATIONAL STOCK NUMBER	FSCM	PART NUMBER	DESCRIPTION  USABLE ON CODE	U/M	QTY INC IN UNIT
BULK		PA022	5640-00-785-7888	81349	MIL-I-14511 .500	INSULATION .500 IN. THICK.....	SH	
BULK		PA022	5970-00-812-2969	81349	MIL-I-23053/5 CL ASS 1	INSULATION SLEEVING.....	FT	
BULK		PA022		81349	MIL-P-15280 FORM T .50IDX.50WALL	PLASTIC MATERIAL.....	EA	
BULK		PA022	4020-00-753-6555	84785	8367-2	TAPE, LACING.....	SL	
BULK		PA022	6145-00-003-9527	81349	M5086/1-10-9	WIRE, ELECTRICAL.....	FT	
BULK		PA022	6145-00-578-7521	81349	M5086/1-12-9	WIRE, ELECTRICAL.....	FT	
BULK		PA022	6145-00-578-7516	81349	M5086/1-14-9	WIRE, ELECTRICAL.....	FT	
BULK		PA022	6145-00-578-7517	81349	M5086/1-16-9	WIRE, ELECTRICAL.....	FT	
BULK		PAF22	4710-00-203-3171	81348	WWT775	TUBE, COPPER .25.0 IN STOCK.....	PT	

## SECTION IV

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4123-339-24P

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
4145-00-003-9527	BULK		5940-00-143-4774	8	24
5320-00-005-6256	16	41	5940-00-143-4774	9	28
5320-00-005-6256	16	49	5940-00-143-4774	9	42
5320-00-005-6279	1	32	5940-00-143-4774	9	46
5945-00-007-7669	8	8	5940-00-143-4774	9	5
4730-00-007-9399	1	58	5940-00-143-4774	10	1
5310-00-014-5850	5	15	5940-00-143-4774	11	17
5310-00-014-5850	8	65	5940-00-143-4774	13	15
5305-00-023-2576	3	6	5940-00-143-4774	14	19
5310-00-043-0520	16	43	5940-00-143-4774	16	20
5310-00-043-0520	16	52	5940-00-143-4777	8	61
5310-00-045-3296	5	7	5940-00-143-4777	14	7
5310-00-045-3296	9	64	5940-00-143-4780	4	24
5310-00-045-3296	11	9	5940-00-143-4780	6	9
5310-00-045-3299	1	14	5940-00-143-4780	7	23
5310-00-045-3299	1	70	5940-00-143-4780	7	27
5310-00-045-3299	3	2	5940-00-143-4780	7	31
5310-00-045-3299	15	46	5940-00-143-4780	7	50
5310-00-045-3299	16	7	5940-00-143-4780	7	52
5310-00-045-3299	16	17	5940-00-143-4780	7	56
5310-00-045-3299	7	7	5940-00-143-4780	9	26
5310-00-045-4007	16	13	5940-00-143-4780	9	20
5305-00-059-4552	8	49	5940-00-143-4780	8	33
5330-00-060-1679	7	64	5940-00-143-4780	12	4
5310-00-060-2039	4	13	5940-00-143-4794	8	60
5310-00-060-2039	15	18	5940-00-143-4794	14	9
5310-00-061-7326	5	17	5310-00-143-6233	1	54
5305-00-063-3503	15	17	4730-00-143-8933	15	51
5305-00-068-0505	1	61	5940-00-150-4682	7	36
5305-00-068-0505	11	6	5305-00-163-8349	4	3
4130-00-073-8404	16	11	9905-00-165-7474	7	15
4820-00-073-8405	15	50	5310-00-167-0767	15	55
5310-00-080-6004	3	9	5355-00-171-2442	7	67
5310-00-080-9786	2	8	4540-00-174-0039	15	53
5310-00-081-4219	3	12	4730-00-189-2737	16	14
5310-00-081-8087	1	64	4730-00-189-2739	16	2
5310-00-081-8087	7	12	4710-00-203-3171	BULK	
5310-00-081-8087	7	44	4710-00-203-3173	BULK	
5310-00-081-8087	7	61	4710-00-203-3173	BULK	
5310-00-081-8087	8	9	4710-00-203-3173	BULK	
5310-00-081-8087	8	36	4730-00-203-4922	16	
5310-00-081-8087	8	55	5935-00-221-8620	11	
5310-00-082-1404	7	11	5306-00-225-8503	3	1
5310-00-082-1404	7	45	5315-00-234-1856	15	2
5310-00-082-1404	8	58	5306-00-235-4727	15	5
5310-00-087-4652	3	13	5930-00-236-2351	5	
5310-00-088-0551	1	62	5920-00-243-4366	9	
5310-00-088-0551	7	63	5360-00-240-6526	15	
5305-00-088-8923	16	50	5340-00-247-6226	7	
5305-00-088-9044	5	16	5325-00-254-4718	1	
5310-00-089-6304	4	7	4730-00-254-6449	16	
5310-00-089-6304	17	6	4730-00-263-6460	15	
5340-00-103-2976	5	8	5325-00-263-6632	11	
5360-00-105-9432	17	20	5325-00-263-6632	16	
5340-00-106-0551	15	19	4730-00-264-9151	16	
4130-00-106-1972	4	17	4730-00-264-9153	15	
4820-00-106-1973	16	31	5330-00-267-0697	1	
5961-00-106-5259	7	58	4720-00-269-7060	15	
4130-00-106-5657	17	19	5310-00-275-6813	7	41
4540-00-110-9660	4	1	5930-00-275-7800	16	26
4820-00-112-0047	15	13	5325-00-276-6100	15	11
5320-00-117-6938	1	9	5920-00-280-4431	8	52
5320-00-117-6938	1	52	5305-00-283-4649	1	25
5320-00-117-6938	2	3	5940-00-283-5280	6	7
5320-00-117-6938	15	4	5940-00-283-5280	8	11
5320-00-117-6938	16	24	5940-00-283-5280	8	39
5320-00-117-6938	17	9	5325-00-286-6047	5	2
5320-00-117-6938	17	23	5325-00-286-6047	16	3
5320-00-117-6939	3	20	5340-00-302-1415	17	17
5950-00-118-1018	7	4	5930-00-312-4115	16	27
5330-00-119-7503	4	9	5320-00-323-3984	17	5
3110-00-136-2696	15	24	5930-00-396-2244	11	
5305-00-140-8001	2	24	5930-00-396-2244	15	30
5940-00-143-4774	6	8	5310-00-401-3365	15	58
5940-00-143-4774	7	35	5330-00-402-4645	15	42
5940-00-143-4774	7	41	5310-00-407-9566	3	11
5940-00-143-4774	8	16	5945-00-430-6933	11	1
5940-00-143-4774	8	19	2990-00-451-4838	7	72
5940-00-143-4774	8	25	5355-00-472-9354	5	14
5940-00-143-4774	8	30	5305-00-543-2419	3	8

## SECTION IV

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4120-339-24P

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5340-00-543-4394	15	37	5940-00-859-4475	6	6
5340-00-543-4394	15	49	5320-00-874-4471	1	43
5945-00-549-6348	7	48	5320-00-874-4471	2	10
5935-00-565-9503	14	2	5310-00-877-5797	2	6
4130-00-572-4709	16	53	5310-00-877-5797	4	8
6145-00-578-7516	BULK		5310-00-877-5797	7	47
6145-00-578-7517	BULK		5310-00-877-5797	8	22
6145-00-578-7521	BULK		5310-00-877-5797	9	63
5310-00-579-0079	7		5310-00-877-5797	15	35
5310-00-579-0079	7	20	5310-00-880-9344	1	39
5355-00-579-2896	5	13	5310-00-880-9344	4	4
5640-00-580-6276	15	8	5310-00-880-9344	7	14
5310-00-582-5965	16	38	5310-00-880-9344	8	5
5310-00-582-5965	16	44	5320-00-882-8388	2	11
5310-00-582-5965	16	51	5320-00-882-8388	17	3
5310-00-584-7888	7	68	5320-00-882-8388	17	14
5310-00-623-5989	1	55	5310-00-889-2549	5	3
5310-00-623-5991	1	8	5310-00-889-2549	5	10
5310-00-623-5991	1	56	5305-00-889-2998	7	1
5310-00-623-5991	2	4	5305-00-889-2999	1	11
5310-00-623-5991	17	24	5305-00-889-2999	1	35
5310-00-680-4985	1	10	5305-00-889-2999	2	21
5310-00-680-4985	16	25	5305-00-889-3001	8	56
5310-00-680-4985	17	10	4130-00-901-0323	1	33
5990-00-683-1628	5	1	4130-00-902-1482	15	29
5310-00-726-9048	3	21	5310-00-902-6676	7	17
5340-00-726-9317	11	10	4730-00-908-3194	15	15
5315-00-730-4564	3	7	5330-00-914-7651	7	60
5315-00-730-4570	3	24	4140-00-922-2191	3	5
5935-00-752-2793	14	5	4130-00-922-2439	1	59
4020-00-753-6555	BULK		5930-00-923-4176	5	11
4730-00-769-3961	15	31	5940-00-926-0085	7	24
5310-00-771-7359	16	40	5940-00-926-0085	7	28
5310-00-771-7359	16	48	5940-00-926-0085	7	32
5310-00-772-3720	15	5	4730-00-926-9649	15	33
5310-00-777-5793	1	51	5935-00-928-7865	13	7
640-00-785-7888	BULK		4730-00-932-0970	15	6
135-00-801-6623	14	1	5320-00-932-1972	1	4
10-00-809-3078	7	5	5320-00-932-1972	1	41
10-00-809-4058	1	60	5320-00-932-1972	2	12
10-00-809-4058	11	7	5320-00-932-1972	2	27
10-00-809-8544	3	3	5320-00-932-1972	4	6
10-00-809-8544	4	14	5320-00-932-1972	17	1
110-00-809-8544	16	8	5340-00-934-0532	2	32
110-00-809-8544	16	19	5310-00-934-9747	7	6
310-00-809-8546	2	7	5975-00-937-3680	13	3
1310-00-809-8546	4	11	5970-00-939-5442	8	48
5310-00-809-8546	5	20	5310-00-950-1310	17	16
5310-00-809-8546	15	2	5305-00-958-0588	16	42
5310-00-811-3494	1	74	5305-00-959-5237	7	15
5310-00-811-3494	7	62	5930-00-981-6680	13	4
5970-00-812-2969	BULK		5310-00-984-3806	15	54
9320-00-815-2798	BULK		5305-00-984-4983	7	19
5935-00-816-4802	13	16	5305-00-984-4984	16	12
5935-00-816-8646	13	13	5305-00-984-4988	8	7
4730-00-818-7778	15	39	5305-00-984-4988	8	57
110-00-821-2366	1	15	5305-00-984-4989	17	7
0-00-821-2366	1	67	5305-00-984-4992	1	63
0-00-821-2366	15	28	5305-00-984-4992	2	16
0-00-821-3037	16	35	5305-00-984-4992	7	10
0-00-821-9184	15	10	5305-00-984-6193	5	5
0-00-821-9184	15	32	5305-00-984-6193	15	45
0-00-822-1274	16	2	5305-00-984-6194	1	5
10-00-822-5683	7	59	5305-00-984-6194	3	1
140-00-823-5322	9	2	5305-00-984-6194	4	15
340-00-823-5322	12	2	5305-00-984-6194	15	44
340-00-823-5322	13	10	5305-00-984-6194	16	6
340-00-823-5322	14	6	5305-00-984-6195	1	13
5310-00-823-8804	16	18	5305-00-984-6195	1	69
5330-00-828-3628	7	65	5305-00-984-6195	7	8
5935-00-835-4208	12	1	5305-00-984-6195	16	16
5330-00-836-4355	1	77	5305-00-984-6196	7	71
5330-00-836-4355	2	25	5305-00-984-6197	1	72
5935-00-846-2329	9	1	5305-00-984-6213	8	66
5935-00-847-6124	13	1	5305-00-989-7434	5	6
5305-00-850-2548	5	19	5305-00-989-7434	7	9
5310-00-852-1115	1	53	5305-00-989-7435	4	10
7510-00-852-8179	16	32	5305-00-989-7435	5	18
5305-00-857-5867	4	12	5305-00-989-7435	15	48
5305-00-857-5867	15	1	5305-00-993-1848	1	66

## SECTION IV

## NATIONAL STOCK NUMBER AND PART NUMBER INDEX

TM 5-4120-139-24P

STOCK NUMBER	FIGURE NO.	ITEM NO.	STOCK NUMBER	FIGURE NO.	ITEM NO.
5305-00-993-1848	11	8	4130-01-048-2139	15	52
5305-00-993-1848	15	27	9320-01-048-2935	BULK	
5305-00-993-2738	16	37	9320-01-048-4563	BULK	
5305-00-995-3442	15	34	9905-01-053-5362	1	31
4820-01-015-6690	16	15	5961-01-054-4150	10	2
5340-01-026-3363	15	47	9905-01-055-0219	2	28
5305-01-028-6271	3	18	5310-01-055-8419	2	5
5640-01-031-1261	BULK		4130-01-057-2638	15	3
5310-01-032-4875	15	57	5935-01-068-7478	13	11
5325-01-033-0846	1	2	5925-01-071-7019	7	16
5310-01-036-0908	2	30	5330-01-082-5474	1	6
5310-01-036-4687	1	75	5365-01-090-2070	7	69
4820-01-038-8231	16	1	4710-01-091-3906	15	20
5340-01-039-0103	4	2	4730-01-092-3835	16	20
5310-01-043-5788	16	10	5365-01-114-0777	15	59
5310-01-045-6613	2	1			

FSCM	PART NUMBER	FIGURE NO.	ITEM NO.	FSCM	PART NUMBER	FIGURE NO.	ITEM NO.
07707	AD43H	2	11	81349	MIL-I-23053/5 CLASS 1	7	41
07707	AD43H	17	3	81349	MIL-I-23053/5 CLASS 1	8	21
07707	AD43H	17	14	81349	MIL-P-15280 FORMT .50IDX.50WALL	BULK	
07707	AD45H	1	43	81349	MIL-P-15280 FORMT .50IDX.50WALL	16	33
07707	AD45HH	2	10	81349	MIL-R-6130	BULK	
88044	AN970-5	15	55	81349	MIL-R-6130GRADEA	BULK	
81346	ASTM-B280	BULK		81349	MIL-T-22085	16	32
81346	ASTM-B280	BULK		81349	MIL-T-43435 TYPE1 FINISH B SIZE3	6	5
81346	ASTM-B280	BULK		81349	MIL-T-43435 TYPE1 FINISH B SIZE3	9	4
81346	ASTM-B280 .25 OD	15	14	81349	MIL-T-43435 TYPE1 FINISH B SIZE3	13	2
81346	ASTM-B280 .375OD	15	12	81349	MIL-T-43435 TYPE1 FINISH B SIZE3	14	3
81346	ASTM-B280 .50 OD	15	7	81349	MIL-T-55164/3	8	23
81346	ASTM-B280 .75 OD	15	9	81349	MILC11015-12	7	69
81346	ASTM-D-1056 SBE-42-CF2 .06 STK	1	42	96906	MS20066-143	3	7
81346	ASTM-D-1056 SBE-42-CF2 .06 STK	1	57	96906	MS20066-145	3	
81346	ASTM-D-1056 SBE-42-CF2 .06 STK	17	21	96906	MS20426AD3-4	1	
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	1	18	96906	MS20426AD3-4	1	5
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	1	19	96906	MS20426AD3-4	2	
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	1	20	96906	MS20426AD3-4	15	
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	1	29	96906	MS20426AD3-4	16	24
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	1	30	96906	MS20426AD3-4	17	9
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	1	48	96906	MS20426AD3-4	17	23
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	1	49	96906	MS20426AD3-5	3	20
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	2	23	96906	MS20470AD4-4-5	1	32
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	17	18	96906	MS21044-N06	1	64
81346	ASTM-D-1056 SBE-42-CF2 .25 STK	1	17	96906	MS21044-N06	7	12
81346	ASTM-D-1056 SBE-42-CF2 .25 STK	1	28	96906	MS21044-N06	7	44
81346	ASTM-D-1056 SBE-42-CF2 .25 STK	2	29	96906	MS21044-N06	7	61
81346	ASTM-D-1056 SBE-42-CF2 1/8 STK	1	27	96906	MS21044-N06	8	9
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	8	2	96906	MS21044-N06	8	36
81346	ASTM-D-1056 SBE-42-CF2 .125 STK	8	3	96906	MS21044-N06	8	55
81346	ASTM-D-710 ELEC-GRADE COLOR GRFY	8	51	96906	MS21044D08	4	13
81346	ASTM-D-710 ELEC-GRADE COLOR GRFY	8	54	96906	MS21044D08	15	18
41947	A13563	15	31	96906	MS21044N04	1	62
92578	A19AEF-10	5	11	96906	MS21044N04	7	63
41625	A37693	7	72	96906	MS21044N08	1	74
81205	BMS1-15CLASSSOFT	BULK		96906	MS21044N08	7	62
84785	B367-2	BULK		96906	MS21044N3	2	6
41625	B43310-1	7	67	96906	MS21044N3	4	8
41625	B48701-000-0022.0	7	66	96906	MS21044N3	7	
11815	CCR264SS3-4	16	41	96906	MS21044N3	8	
11815	CCR264SS3-4	16	49	96906	MS21044N3	8	
98930	CL503-01	15	50	96906	MS21044N3	15	
65586	C205	15	53	96906	MS21045-08	5	
49367	DB92100	13	3	96906	MS21045-08	5	
70255	EK-083	16	53	96906	MS21045-3	5	
77870	FP3106C28-11P	6	2	96906	MS21059L4	1	
98003	H561LS2RG	2	32	96906	MS21075L3	15	
74193	JA3-Z79-1	7	21	96906	MS21076-L4	16	41
71400	KAW5	8	48	96906	MS21076-L4	16	49
81349	MIL-F-15160/9	8	52	96906	MS21082-08	3	2
81349	MIL-I-14511 .250	BULK		96906	MS21083N3	7	17
81349	MIL-I-14511 .250	1	25	96906	MS21104-D10	15	19
81349	MIL-I-14511 .250	1	46	96906	MS21104D3	7	70
81349	MIL-I-14511 .500	BULK		96906	MS21105-6	5	8
81349	MIL-I-14511 .500	1	24	96906	MS21919DG6	15	37
81349	MIL-I-14511 .500	1	47	96906	MS21919DG6	15	49
81349	MIL-I-23053/5 CLASS 1	BULK		96906	MS21919DG9	11	10
81349	MIL-I-23053/5 CLASS 1	4	18	96906	MS24192D1	7	48

FSCM	PART NUMBER	FIGURE ITEM		FSCM	PART NUMBER	FIGURE ITEM	
		NO.	NO.			NO.	NO.
96906	MS24523-22	5	1	96906	MS3106R20-27S	9	1
96906	MS24586-C48	17	20	96906	MS3106R28-12P	14	5
96906	MS24665-155	15	22	96906	MS3106R32-4S	13	1
96906	MS24693-550	15	17	96906	MS35190-237	8	49
96906	MS25036-106	6	7	96906	MS35191-266	3	18
96906	MS25036-106	8	11	96906	MS35206-216	7	1
96906	MS25036-106	8	39	96906	MS35206-217	1	11
96906	MS25036-108	4	24	96906	MS35206-217	1	35
96906	MS25036-108	6	9	96906	MS35206-217	2	21
96906	MS25036-108	7	23	96906	MS35206-226	7	10
96906	MS25036-108	7	27	96906	MS35206-227	16	12
96906	MS25036-108	7	31	96906	MS35206-228	8	7
96906	MS25036-108	7	50	96906	MS35206-228	8	57
96906	MS25036-108	7	53	96906	MS35206-229	17	7
96906	MS25036-108	7	56	96906	MS35206-231	8	56
96906	MS25036-108	8	26	96906	MS35206-232	1	63
96906	MS25036-108	8	29	96906	MS35206-232	2	16
96906	MS25036-108	8	33	96906	MS35206-232	7	10
96906	MS25036-108	12	4	96906	MS35206-245	5	5
96906	MS25036-112	8	60	96906	MS35206-245	15	45
96906	MS25036-112	14	9	96906	MS35206-246	1	5
96906	MS25036-153	6	8	96906	MS35206-246	3	1
96906	MS25036-153	7	35	96906	MS35206-246	4	15
96906	MS25036-153	7	41	96906	MS35206-246	15	44
96906	MS25036-153	8	16	96906	MS35206-246	16	6
96906	MS25036-153	8	19	96906	MS35206-247	1	13
96906	MS25036-153	8	25	96906	MS35206-247	1	69
96906	MS25036-153	8	30	96906	MS35206-247	7	8
96906	MS25036-153	8	34	96906	MS35206-247	16	16
96906	MS25036-153	8	38	96906	MS35206-248	7	71
96906	MS25036-153	8	43	96906	MS35206-249	1	72
96906	MS25036-153	8	46	96906	MS35206-266	8	66
96906	MS25036-153	9	5	96906	MS35207-260	5	16
96906	MS25036-153	10	1	96906	MS35207-263	5	6
96906	MS25036-153	11	17	96906	MS35207-263	7	8
96906	MS25036-153	13	15	96906	MS35207-264	4	10
96906	MS25036-153	14	10	96906	MS35207-264	5	18
96906	MS25036-153	16	29	96906	MS35207-264	15	48
96906	MS25036-157	8	61	96906	MS35207-265	1	66
96906	MS25036-157	14	7	96906	MS35207-265	11	8
96906	MS25043-200	11	4	96906	MS35207-265	15	27
96906	MS25165-1	5	13	96906	MS35207-268	15	34
96906	MS25251-12	14	2	96906	MS35207-280	16	37
96906	MS25251-16	9	2	96906	MS35207-285	16	50
96906	MS25251-16	12	2	96906	MS35207-287	16	42
96906	MS25251-16	13	10	96906	MS35333-37	7	13
96906	MS25251-16	14	6	96906	MS35333-37	7	20
96906	MS27130-S13K	16	10	96906	MS35338-32	7	68
96906	MS27130-S14K	2	30	96906	MS35338-41	7	7
96906	MS27130-S15K	1	75	96906	MS35338-41	16	13
96906	MS27130-S25K	2	5	96906	MS35338-42	1	14
96906	MS27130-S50K	2	1	96906	MS35338-42	3	2
96906	MS27130-S93	16	22	96906	MS35338-42	15	46
96906	MS27183-10	1	60	96906	MS35338-42	16	7
96906	MS27183-10	11	7	96906	MS35338-42	16	17
96906	MS27183-11	7	5	97403	MS35338-42	1	70
96906	MS27183-12	3	12	96906	MS35338-43	5	7
96906	MS27183-14	3	9	96906	MS35338-43	9	64
96906	MS27183-4	17	16	96906	MS35338-43	11	9
96906	MS27183-42	5	15	96906	MS35338-44	16	38
96906	MS27183-42	8	65	96906	MS35338-44	16	44
96906	MS27183-6	7	11	96906	MS35338-44	16	51
96906	MS27183-6	7	45	96906	MS35338-45	3	11
96906	MS27183-6	8	58	96906	MS35351-12	6	3
96906	MS27183-7	3	3	96906	MS35489-1	5	2
96906	MS27183-7	4	14	96906	MS35489-1	16	3
96906	MS27183-7	16	8	96906	MS35489-14	15	11
96906	MS27183-7	16	19	96906	MS35489-6	11	19
96906	MS27183-8	2	7	96906	MS35489-6	16	4
96906	MS27183-8	4	11	96906	MS35649-262	7	6
96906	MS27183-8	5	20	96906	MS35650-3252	16	43
96906	MS27183-8	15	2	96906	MS35650-3252	16	57
96906	MS27183-9	16	18	96906	MS35842-11	15	15
96906	MS3100R16S1PW	12	1	96906	MS35872-2	16	14
96906	MS3100R20-4P	13	7	96906	MS35872-3	16	46
96906	MS3100R28-11S	14	1	96906	MS35920-3	15	6
96906	MS3102R-145-6P	3	17	96906	MS35927-2	16	5
96906	MS3106R10SL3P	13	16	96906	MS35927-3	15	43
96906	MS3106R16S1SW	13	11	96906	MS35929-3	15	38
96906	MS3106R20-15S	13	13	96906	MS45904-60	2	8

FSCM	PART NUMBER	FIGURE ITEM		FSCM	PART NUMBER	FIGURE ITEM	
		NO.	NO.			NO.	NO.
96906	MS51007-10	7	65	94222	12-11-303W-8	8	4
96906	MS51007-11	1	76	94222	12-11-713-11	1	38
96906	MS51007-12	7	60	97403	13208E4182-7	15	52
96906	MS51007-2	7	64	97403	13211E3784	8	53
96906	MS51007-7	1	77	97403	13211E3799-1	16	2
96906	MS51007-7	2	25	97403	13211E4043-11	16	34
96906	MS51021-62	3	6	97403	13211E4043-12	15	10
96906	MS51861-12	2	24	97403	13211E4043-6	15	30
96906	MS51922-17	3	13	97403	13211E8166	15	56
96906	MS51922-9	15	54	97403	13211E8170	15	58
96906	MS63045	1	3	97403	13211E8178	1	58
96906	MS90725-39	3	10	97403	13211E8180	13	4
96906	MS90725-61	3	8	97403	13211E8191	17	17
96906	MS90726-5	1	61	97403	13211E8215	2	15
96906	MS90726-5	11	6	97403	13211E8222	1	34
96906	MS9122-03	4	12	97403	13211E8273	2	31
96906	MS9122-03	15	1	97403	13211E8288	6	6
96906	MS9122-11	5	19	97403	13211E8305	1	59
96906	MS91528-1C48	5	14	97403	13211E8322	17	19
96906	MS9241-007	7	38	97403	13211E8323	15	16
82647	MWA 1255	4	17	97403	13211E8337	1	39
64731	MYH71W0	3		97403	13211E8337	4	4
81349	M5086/1-10-9	BULK	16	97403	13211E8337	7	14
81349	M5086/1-10-9	8	62	97403	13211E8337	8	5
81349	M5086/1-10-9	14	8	97403	13211E8376-1	11	11
81349	M5086/1-12-9	BULK		97403	13211E8376-1	15	36
81349	M5086/1-12-9	13	6	97403	13211E8376-5	7	69
81349	M5086/1-14-9	BULK		97403	13211E8382	4	7
81349	M5086/1-14-9	7	25	97403	13211E8382	17	6
81349	M5086/1-14-9	7	29	97403	13211E8404	16	26
81349	M5086/1-14-9	7	33	97403	13211E8406-1	16	39
81349	M5086/1-14-9	7	51	97403	13211E8406-2	16	47
81349	M5086/1-14-9	7	54	97403	13211E8410	15	26
81349	M5086/1-14-9	7	57	97403	13211E8410	15	21
81349	M5086/1-14-9	8	27	97403	13211E8411	15	24
81349	M5086/1-14-9	8	31	97403	13211E8412	15	23
81349	M5086/1-14-9	8	35	97403	13214E3382	17	4
81349	M5086/1-14-9	13	12	97403	13214E3384	1	7
81349	M5086/1-16-9	BULK		97403	13214E3386	1	50
81349	M5086/1-16-9	4	20	97403	13214E3411-1	15	33
81349	M5086/1-16-9	4	25	97403	13214E3411-3	15	51
81349	M5086/1-16-9	6	4	97403	13214E3412	8	1
81349	M5086/1-16-9	7	37	97403	13214E3413-2	17	17
81349	M5086/1-16-9	7	42	97403	13214E3416	4	2
81349	M5086/1-16-9	8	12	97403	13214E3419	16	9
81349	M5086/1-16-9	8	14	97403	13214E3469	1	15
81349	M5086/1-16-9	8	17	97403	13214E3469	1	67
81349	M5086/1-16-9	8	20	97403	13214E3469	15	28
81349	M5086/1-16-9	8	40	97403	13214E3471-1	1	12
81349	M5086/1-16-9	8	44	97403	13214E3471-2	1	65
81349	M5086/1-16-9	8	47	97403	13214E3476	15	57
81349	M5086/1-16-9	9	3	97403	13214E3484	15	20
81349	M5086/1-16-9	10	3	97403	13214E3486	15	25
81349	M5086/1-16-9	11	18	97403	13214E3487-2	7	39
81349	M5086/1-16-9	12	3	97403	13214E3506	4	16
81349	M5086/1-16-9	13	9	97403	13214E3507-2	7	40
81349	M5086/1-16-9	13	14	97403	13214E3511	6	1
81349	M5086/1-16-9	13	17	97403	13214E3523-6	7	46
81349	M5086/1-16-9	14	4	97403	13214E3533	1	68
81349	M5086/1-16-9	16	30	97403	13214E3568-2	15	13
80205	NAS1031A06	1	10	97403	13214E3578-1	16	23
80205	NAS1031A06	16	25	97403	13214E3587	12	
80205	NAS1031A06	17	10	97403	13214E3592-1	15	47
80205	NAS1031A08	1	8	97403	13214E3612	1	73
80205	NAS1031A08	1	56	97403	13214E3614-1	17	15
80205	NAS1031A08	2	4	97403	13214E3615	2	26
80205	NAS1031A08	17	24	97403	13214E3616	1	71
80205	NAS1031A3	1	55	97403	13214E3623	3	22
80205	NAS1329S08KB75	1	54	97403	13214E3627	3	19
80205	NAS1329S3KB80	1	53	97403	13214E3629-1	4	5
80205	NAS1523C3F	4	9	97403	13214E3631	17	13
77342	PM4030	11	1	97403	13214E3632	17	22
93781	P45-11	15	42	97403	13214E3647-3	1	2
78462	SA-K13	16	11	97403	13214E3655	17	11
58849	SS-329	7	58	97403	13214E3659	15	59
81348	WWT775	BULK		97403	13214E3666	2	2
41947	W40350	15	32	97403	13214E3693	3	5
74193	006-10245	7	16	97403	13214E3694	3	23
64731	01-010999-204	3	15	97403	13214E3698-1	4	1
09214	IN1695	10	2	97403	13214E3699-1	1	32

FSCM	PART NUMBER	FIGURE ITEM		FSCM	PART NUMBER	FIGURE ITEM	
		NO.	NO.			NO.	NO.
97403	13214E3703	1	1	97403	13220E5600	1	23
97403	13214E3712	1	16	97403	13220E5601	1	22
97403	13214E3713	1	26	97403	13220E5672	13	5
97403	13214E3742	16	31	97403	13220E6702-27	8	10
97403	13214E3744V34	4	3	97403	13220E6702-28	8	13
97403	13214E3744W4	7	15	97403	13220E6702-29	8	15
97403	13214E3785-2	16	1	97403	13220E6702-33	8	18
97403	13214E3789-2	1	4	97403	13220E6707	9	
97403	13214E3789-2	1	41	97403	13220E6708	10	
97403	13214E3789-2	2	12	97403	13220E6709	11	5
97403	13214E3789-2	2	27	97403	13220E6709	14	
97403	13214E3789-2	4	6	97403	13220E6712-1	8	32
97403	13214E3789-2	17	1	97403	13220E6712-10	7	30
97403	13214E3791-1	17	5	97403	13220E6712-11	4	21
97403	13214E3792	3	4	97403	13220E6712-12	4	22
97403	13214E3794	16	27	97403	13220E6712-13	4	23
97403	13214E3798-2	16	45	97403	13220E6712-18	7	34
97403	13214E3804	8	41	97403	13220E6712-19	11	13
97403	13214E3814	BULK		97403	13220E6712-2	7	49
97403	13214E3818-3	7	4	97403	13220E6712-20	11	14
97403	13216E6176-3	16	35	97403	13220E6712-21	11	12
97403	13216E6190-3	16	36	97403	13220E6712-22	11	15
97403	13216E6191-2	7	24	97403	13220E6712-26	16	28
97403	13216E6191-2	7	28	97403	13220E6712-3	8	28
97403	13216E6191-2	7	32	97403	13220E6712-30	8	37
97403	13216E6192	7	36	97403	13220E6712-32	8	42
97403	13216E9519-1	2	18	97403	13220E6712-36	11	16
97403	13216E9520-1	2	17	97403	13220E6712-4	7	52
97403	13216E9521	17	2	97403	13220E6712-5	8	24
97403	13217E2344	1	31	97403	13220E6712-6	7	55
97403	13217E6814	2	28	97403	13220E6712-7	8	59
97403	13218E7074	2	20	97403	13220E6712-8	7	22
97403	13218E7075	2	19	97403	13220E6712-9	7	26
97403	13218E7076	1	36	97403	13220E6720-4	1	27
97403	13218E7078	2	13	97403	13220E6720/9	1	44
97403	13218E7079	1	40	97403	13220E6722	16	21
97403	13218E7489	2	22	97403	13220E6723	2	14
97403	13218E9895-2	7	2	97403	13220E6726	1	45
97403	13218E9902	11	3	97403	13222E0610	17	
97403	13218E9902	13		97403	13222E0612	17	8
97403	13218E9909	5	12	97403	13222E6259-2	2	9
97403	13218E9911	5	4	97403	13222E6356	8	6
97403	13218E9960	7	3	02280	1600-5590-3	8	8
97403	13219E2931	7		77464	165	15	8
97403	13219E2933	5		70611	2267A1	5	0
97403	13219E9499-1	16	15	71400	4515	8	50
97403	13219E9540	16	20	93781	5-70157	15	40
97403	13220E0607	15	3	64731	5530-15	3	14
97403	13220E5281	1	6	82647	6P5306N405N285L	14	11
97403	13220E5385-2	7	18	82647	6P5306N405N285L	15	30
97403	13220E5386	7	73	93781	7W996	15	41
97403	13220E5413-2	1	21	10855	7662-224	15	29



By Order of the Secretary of the Army:

Official:

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*General, United States Army*  
*Chief of Staff*

ROBERT M. JOYCE  
*Brigadier General, United States Army*  
*The Adjutant General*

**DISTRIBUTION:**

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# SOMETHING WRONG WITH THIS PUBLICATION?

FROM (PRINT YOUR UNIT'S COMPLETE ADDRESS)

PFC JOHN DOE  
COA, 3d ENGINEER BN  
FT. LEANARDWOOD, MD 63108

DATE SENT

PUBLICATION NUMBER

TM 5-4120-339-24P

PUBLICATION DATE

18 Dec 81

PUBLICATION TITLE

Air Conditioner, Vertical Compact,  
9,000 BTU/HR208 Volts, 3-PHASE

BE EXACT PIN-POINT WHERE IT IS

PAGE  
NO

6

PARA-  
GRAPH2-1  
aFIGURE  
NO

4-3

TABLE  
NO

125

IN THIS SPACE TELL WHAT IS WRONG  
AND WHAT SHOULD BE DONE ABOUT IT:

In line 6 of paragraph 2-1a the manual states the engine has 6 Cylinders. The engine on my set only has 4 Cylinders. Change the manual to show 4 Cylinders.

Callout 16 on figure 4-3 is pointing at a bolt. In key to figure 4-3, item 16 is called a shim - Please correct one or the other.

I ordered a gasket, item 19 on figure B-16 by NSN 2910-00-762-3001. I got a gasket but it doesn't fit. Supply says I got what I ordered, so the NSN is wrong. Please give me a good NSN

PRINTED NAME, GRADE OR TITLE, AND TELEPHONE NUMBER

JOHN DOE, PFC (268) 317-7111

SIGN HERE

JOHN DOE

DA FORM 2028-2

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PAGE  
NO

PARA-  
GRAPH

FIGURE  
NO

TABLE  
NO

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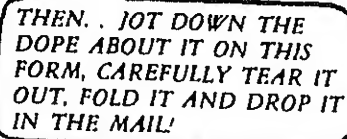
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1. EAR ALWAYS PERSONAL USE



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TEAR ALONG PERFORATED LINE





# The Metric System and Equivalents

## Linear Measure

1 meter = 10 millimeters = .39 inch  
 1 meter = 10 centimeters = 3.94 inches  
 1 meter = 10 decimeters = 39.37 inches  
 1 meter = 10 meters = 32.8 feet  
 1 meter = 10 dekameters = 328.08 feet  
 1 meter = 10 hectometers = 3,280.8 feet

## Weights

1 gram = 10 milligrams = .15 grain  
 1 gram = 10 centigrams = 1.54 grains  
 1 gram = 10 decigrams = .035 ounce  
 1 gram = 10 grams = .35 ounce  
 1 gram = 10 dekagrams = 3.52 ounces  
 1 gram = 10 hectograms = 2.2 pounds  
 1 ton = 100 kilograms = 220.46 pounds  
 1 ton = 10 quintals = 1.1 short tons

## Liquid Measure

1 centiliter = 10 milliliters = .34 fl. ounce  
 1 deciliter = 10 centiliters = 3.38 fl. ounces  
 1 liter = 10 deciliters = 33.81 fl. ounces  
 1 dekaliter = 10 liters = 2.64 gallons  
 1 hectoliter = 10 dekaliters = 26.42 gallons  
 1 kiloliter = 10 hectoliters = 264.18 gallons

## Square Measure

1 sq. centimeter = 100 sq. millimeters = .155 sq. inch  
 1 sq. decimeter = 100 sq. centimeters = 15.5 sq. inches  
 1 sq. meter (centare) = 100 sq. decimeters = 10.76 sq. feet  
 1 sq. dekameter (are) = 100 sq. meters = 1,076.4 sq. feet  
 1 sq. hectometer (hectare) = 100 sq. dekameters = 2.47 acres  
 1 sq. kilometer = 100 sq. hectometers = .386 sq. mile

## Cubic Measure

1 cu. centimeter = 1000 cu. millimeters = .06 cu. inch  
 1 cu. decimeter = 1000 cu. centimeters = 61.02 cu. inches  
 1 cu. meter = 1000 cu. decimeters = 35.31 cu. feet

## Approximate Conversion Factors

Change	To	Multiply by	To change	To	Multiply by
	centimeters	2.540	ounce-inches	newton-meters	.007062
	meters	.305	centimeters	inches	.394
	meters	.914	meters	feet	3.280
	kilometers	1.609	meters	yards	1.094
3 inches	square centimeters	6.461	kilometers	miles	.621
3 foot	square meters	.093	square centimeters	square inches	.155
3 yards	square meters	.836	square meters	square feet	10.764
3 miles	square kilometers	2.590	square meters	square yards	1.196
	square hectometers	.406	square kilometers	square miles	.386
foot	cubic meters	.028	square hectometers	acres	2.471
yards	cubic meters	.765	cubic meters	cubic feet	35.315
ounces	milliliters	29.573	cubic meters	cubic yards	1.308
	liters	.473	milliliters	fluid ounces	.034
g	liters	.946	liters	pints	2.113
kg	liters	3.785	liters	quarts	1.057
kg	grams	28.349	liters	gallons	.264
kg	kilograms	.454	grams	ounces	.035
tons	metric tons	.907	kilograms	pounds	2.205
ft-foot	newton-meters	1.366	metric tons	short tons	1.102
ft-inches	newton-meters	.11375			

## Temperature (Exact)

°F	Fahrenheit temperature	5/9 (after subtracting 32)	Celsius temperature	°C
----	------------------------	----------------------------	---------------------	----